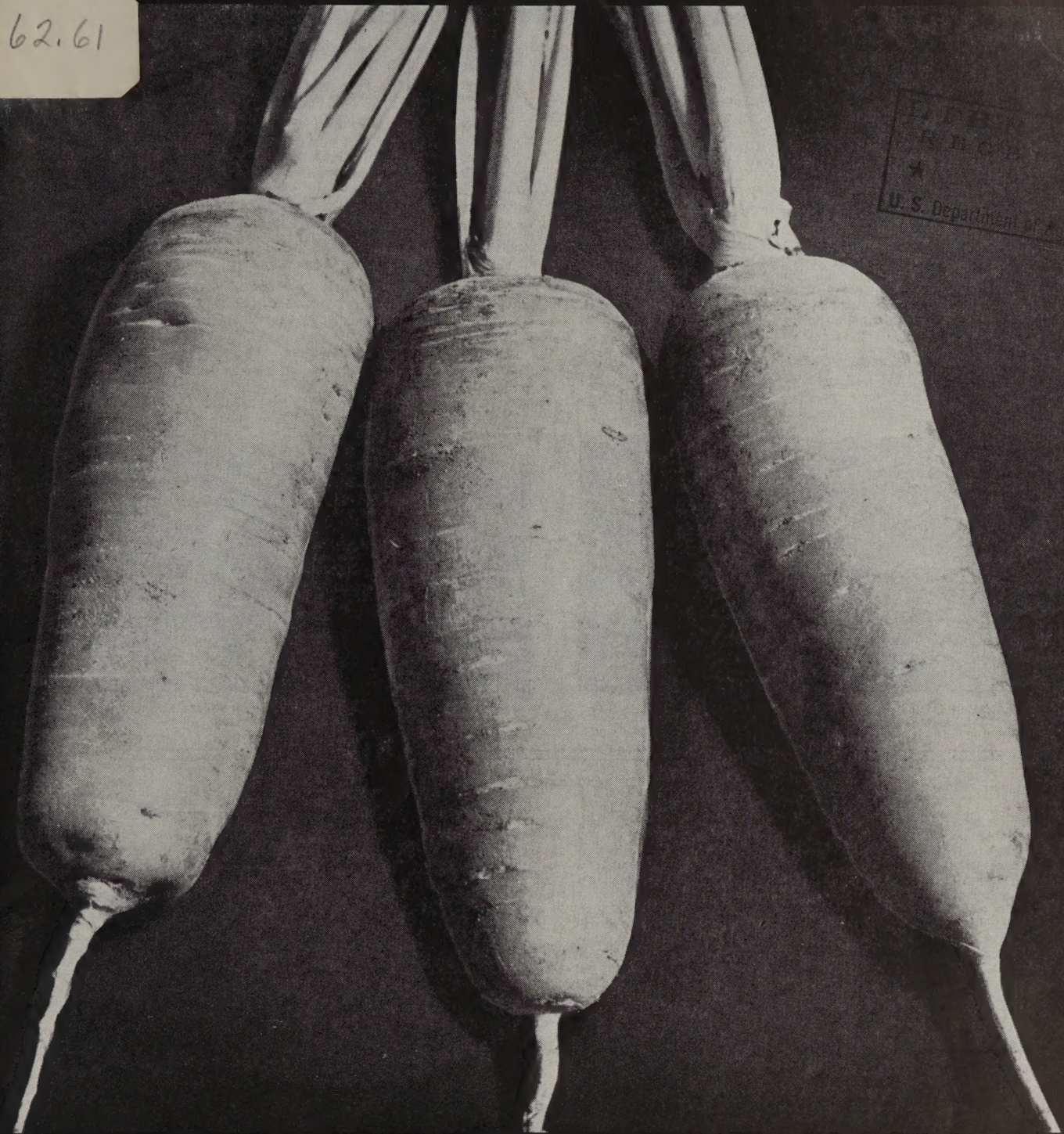


HART & VICK'S GROWER'S CATALOG SPRING 1954

62.61



Royal Chantenay, heavy yields of long, smooth, red-cored carrots

SEEDS

for Commercial Growers
of Vegetables & Flowers

HART & VICK Inc., Seedsmen • 47-55 Stone St., Rochester, N. Y.

BEETS FOR BUNCHING AND CANNING

One pound will plant a row about 1000 feet long. Seven pounds to the acre in 18 inch rows, ten pounds if the rows are 14 inches apart.

Crosby's Egyptian—56 days. Nearly 30 years ago when we first offered you this strain of Crosby beet it was just about the finest on the market. Today, with all the breeding work that has been done on it, improving the shape of the bulb and the color and quality of the flesh it takes a back seat for no other strain offered the particular grower. Uniformly globe shaped bulbs, short tops, small tap roots, dark red outside, flesh bright carmine red, very little zoning. Early and of splendid quality. $\frac{1}{4}$ lb., 40c; lb., \$1.25; 10 lbs., \$11.00; 100 lbs., \$100.00.

Green Top Bunching—The roundest, smoothest, glossiest, most attractive beet you can grow. If you have never tried it put in a row or two and see how your customers like it. It's strictly an early bunching kind with bright blood red, very fine flesh with low fibre content. Tops medium tall, greyish green and do not turn red or brown in the fall. $\frac{1}{4}$ lb., 45c; lb., \$1.35; 10 lbs., \$12.00; 100 lbs., \$110.00.

Beets for Greens—Quick growing, large, thick, crumpled green foliage. The best kind for greens. Lb., \$1.15; 10 lbs., \$10.00; 100 lbs., \$90.00.

DETROIT DARK RED—M STRAIN

60 days. This strain of Detroit is outstanding for its uniformity of shape, clear blood red color and splendid texture of its flesh. Retains its excellent quality until roots are fully grown. **Tops strong medium to short** and a strain very popular with the canner and commercial grower. There are several good strains of Detroit beet but we believe that this is the very best of all both for upland and muck growing. $\frac{1}{4}$ lb., 45c; lb., \$1.35; 10 lbs., \$12.00; 100 lbs., \$110.00.

Early Wonder—Our selection of Early Wonder produces bulbs nearly globe shaped and flesh deep purplish red, zoned with a lighter shade. Tops medium tall and heavy. $\frac{1}{4}$ lb., 40c; lb., \$1.25; 10 lbs., \$11.00; 100 lbs., \$100.00.

For the Canning Trade grow our Special M Strain Detroit Beet. For roadside stands we recommend our Green Top Bunching.



Darwin Clark of Clark & Clark, Elba, N. Y. shows us some onions they grew from our Early Yellow Globe seed.



John Zagame of Oswego, N. Y. grew a nice piece of onion from our Early Yellow Globe seed.

PLEASE READ BEFORE ORDERING

DELIVERY OF SEEDS

All vegetable and flower seeds will be sent free of charge by **Parcel Post, Express or Freight at our option**. To points west of the Mississippi River purchaser pays transportation of Peas, Beans and Corn.

We do not pay transportation charges on Seed Potatoes, Onion Sets, Onion Plants in full crates, Fertilizers, Insecticides, Accessories, etc., except where they are marked "Transportation Paid." Be sure and say on your order how you want these items sent to you—Parcel Post, Freight or Express. If you want your seed sent Motor Freight, be sure and name the Company who will deliver it to you.

Write on the order the name of the nearest express or freight station, if it is not the same as your post office address.

Order early so that you will have your seed on hand when the time comes to sow it.

TESTED FOR GERMINATION

All of our seeds, both flower and vegetable, are tested for germination by a famous State Agricultural Experiment Station and the result appears on every package of vegetable seed we send out. Pay particular attention to this please for we are justly proud of the growing qualities of our seed.

CONDITIONS OF SALE

We guarantee the safe arrival, in the United States of all seed and merchandise purchased from us and the Hart & Vick, Inc. Company warrants to the extent of the purchase price that seeds or bulbs or plants sold are as described on the container, within recognized tolerance. Seller gives no further warranty, express or implied.

TIME PAYMENTS

To vegetable growers and florists whose credit is established with us and to new customers who send us satisfactory references we allow time payments.

Seed shipped before July must be paid for by the first day of the following October. Seed shipped after July 1st to be paid for by December 1st of that year.

Seed Potatoes, Onion Plants, Onion Sets, Fertilizers, Grass Seeds, Insecticides and Accessories and other items so marked are sold strictly for cash.

DISCOUNT FOR CASH

Our regular terms are **Cash with Order** for which we allow you a discount of 5% on vegetable and flower seeds. We cannot allow a discount on Plants, Bulbs, Potatoes, Onion Sets, Insecticides and merchandise. These are sold only for cash.

On C.O.D. orders the post office department will charge you a rather stiff price for collecting the money. We don't recommend C.O.D. shipments.

PLANTS REQUIRED TO THE ACRE

Distance Apart	No. of Plants	Distance Apart	No. of Plants
1 ft. by 1 ft.....	43,560	3 ft. by 3 ft.....	4,840
1½ ft. by 1½ ft.....	19,360	4 ft. by 4 ft.....	2,720
2 ft. by 1 ft.....	21,780	5 ft. by 4 ft.....	2,172
2 ft. by 2 ft.....	10,890	5 ft. by 5 ft.....	1,748
2½ ft. by 2½ ft.....	6,969	6 ft. by 6 ft.....	1,212
3 ft. by 2 ft.....	7,600	8 ft. by 8 ft.....	680

If your copy of our large general catalog does not reach you within 60 days be sure and write us about it. We want you to have one of these retail books that pictures and describes many kinds of seeds, bulbs, and plants.

WAX-GREEN POD AND LIMA BEANS

One pound will plant about 100 feet of row. It takes 60 to 70 pounds to plant an acre.

25 pounds of any one kind will be supplied at the 100 lb. price.

GREEN POD BUSH BEANS

Bountiful—48 days. Straight flat pods, 7 in. long, light green and stringless. Good shipper. Most popular flat green bean for market. 5 lbs., \$1.90; 15 lbs., \$5.25; 100 lbs., \$32.00.

Contender—54 days. A coming bean for the market grower and processor. Pods are 7 in. long, with very thick flesh and nearly round, very smooth and most attractive. Plant is vigorous, mosaic-resistant, hardy and ripens a tremendous crop very early. 5 lbs., \$1.90; 15 lbs., \$5.25; 100 lbs., \$32.00.

Long Tendergreen—52 days. Large, vigorous, productive, mosaic-resistant plants that bear 7 in. long, round, straight, thick-meated pods of very good quality. Several customers offered this bean on their roadside stands last season with wonderful success. 5 lbs., \$2.00; 15 lbs., \$5.55; 100 lbs., \$34.00.

Plentiful—50 days. Long, straight, flat, thick meated pods of splendid appearance and high quality. Plant hardy and heavy bearing. 5 lbs., \$1.75; 15 lbs., \$4.80; 100 lbs., \$29.00.

Tendergreen—52 days. Long, very straight, dark green slender pods of the very highest quality. Very productive and adapted for the canner, freezer, shipper and market and home gardener. 5 lbs., \$1.90; 15 lbs., \$5.25; 100 lbs., \$32.00.

Tenderlong—52 days. A mosaic-resistant plant that bears round, straight pods that are a little longer than Tendergreen. Pods are rich dark green, smooth and ready for picking in mid-bean-season. It is replacing Tendergreen with many growers. 5 lbs., \$2.00; 15 lbs., \$5.55; 100 lbs., \$34.00.

Topcrop—Earlier than Tendergreen and Supergreen, ready for picking in 51 days. Plants 15 in. tall, very heavy yielders. Crop borne during a short interval, giving a few large pickings rather than a number of small ones. Pods long, slender and round, straight, smooth and stringless. A most dependable cropper and mosaic-resistant. Outyields Tendergreen. 5 lbs., \$2.00; 15 lbs., \$5.55; 100 lbs., \$34.00.

Wade—62 days. All-America Gold Medal Winner 1952 — Developed by the late Dr. J. H. Wade, Bureau of Plant Industry, U.S.D.A. Deep green, 6 to 7 in. long, round, straight pods of top quality. Very smooth slow wilting and very desirable for market and processing. Plant resistant to mosaic and powdery mildew, taller than Tendergreen, holds the pods up off the ground, very heavy yielding. 5 lbs., \$2.00; 15 lbs., \$5.55; 100 lbs., \$34.00.

French Horticultural—Shellbean. 68 days. A strain of Cranberry bean long popular in the New England States. Pods 6½ in. to 7½ in. long, heavily splashed with crimson. The plant is strong growing and abundant bearing. Seeds large buff mottled with red. 5 lbs., \$2.20; 15 lbs., \$6.00; 100 lbs., \$36.00.

Broad Long Pod—150 days. Called Fava or Horsebean. 9 in. pods, 1¼ in. wide generally holding 6 beans. This is a shell bean used green or when dried. Must be planted early here in the north for they don't do well in hot weather. 5 lbs., \$2.00; 15 lbs., \$5.55; 100 lbs., \$34.00.

POLE BEANS

Kentucky Wonder (Old Homestead)—63 days. The best early green-podded pole bean for market. Vigorous and productive. Pods 9 to 10 inches long, fine quality, very fleshy, saddle-backed and stringless when young. 5 lbs., \$1.90; 15 lbs., \$5.25; 100 lbs., \$32.00.

King of the Garden Lima—88 days, 8 in. pods with 5 to 6 flat beans. 5 lbs., \$2.00; 15 lbs., \$5.55; 100 lbs., \$34.00.



The New Topcrop Gold Medal Winning Bush Type Green Pod Bean.

WAX POD BUSH BEANS

Cherokee—50 days. A yellow podded very attractive, high yielding bean that is the most popular yellow bean on account of its dependability as a heavy cropper. The smooth, clear colored pods are oval in shape about 6 inches in length. Stringless and of very good quality. We recommend this bean to you. It has replaced Brittle Wax on our list. 5 lbs., \$1.90; 15 lbs., \$5.25; 100 lbs., \$32.00.

Kinghorn—56 days. Round, light yellow, straight pods 6 in. long, stringless, brittle, high quality. Remain fresh looking longer. Good canner and freezer. White seeds. 5 lbs., \$2.00; 15 lbs., \$5.55; 100 lbs., \$34.00.

Pencil Pod Black Wax—55 days. Round pods, slightly curved, tender stringless, high quality. Strong growing plants that bear abundantly. The best round podded wax bean for market. 5 lbs., \$2.00; 15 lbs., \$5.55; 100 lbs., \$34.00.

Sure Crop Stringless Wax—This is the best flat podded yellow bean both for market and for back yard growing. The plants are large and robust growing and dependable heavy croppers. Pods 6½ inches long and straight and mature in 54 days. 5 lbs., \$1.75; 15 lbs., \$4.80; 100 lbs., \$29.00.

LIMA BEANS

Fordhook U. S. 242—75 days. Pods hold 3 to 4 good size beans, are straight and uniform in shape and size. A great bean to yield, especially on the early pickings. A good freezer. We are selfish enough to think that this strain of U. S. 242 we offer you is a little better than any other. 5 lbs., \$1.90; 15 lbs., \$5.25; 100 lbs., \$32.00.

Triumph—70 days. A new small, thick seeded bush lima. It is prolific, larger and thicker, protected from sun with dark green foliage and particularly well adapted for canning and processing. 5 lbs., \$1.90; 15 lbs., \$5.25; 100 lbs., \$32.00.

Early Market—70 days. Big dark green pods containing 3 or 4 very large, flat beans of top quality. 5 lbs., \$1.90; 15 lbs., \$5.25; 100 lbs., \$32.00.

ARTICHOKE

Green Globe—A perennial plant that produces large edible flower buds. ¼ oz., 35c; oz., \$1.15; ¼ lb., \$3.45.

ASPARAGUS SEED

Mary Washington—Early, rust resisting, most popular. Oz., 25c; ¼ lb., 85c; lb., \$2.75; 10 lbs., \$25.00.

No. 500—A new kind developed by G. C. Hanna of the University of California. Larger spears. More productive. Heads are more closed. Does not flower out as soon. Better for shipping, canning, freezing. Oz., 45c; ¼ lb., \$1.45; lb., \$4.75.

Asparagus Roots—See page 14.

BRUSSELS SPROUTS

Catskill—We consider this the best of the Long Island Improved class. The plants are very dwarf, compact and uniform, producing very firm, round sprouts very closely set to the stem. Very productive. Originally developed in the Catskill Mt. section of this state, known for the very high quality of its sprouts. Oz., \$1.45; ¼ lb., \$5.00; lb., \$15.00.

BROCCOLI

Green Mountain—A new and distinct sprouting broccoli that has just about everything. Vigorous plant growth. As early as DeCicco but better color, dark bluish green, fine budded, very large dark green center heads, long standing. Has the desirable qualities of Waltham 29 and is at least two weeks earlier. Oz., 80c; ¼ lb., \$2.50; lb., \$7.50.

DeCicco Strain—An extremely early kind producing heads ready for market ten days to two weeks before Early Calabrese. Makes a high percentage of side shoots or sprouts, excellent for bunching or freezing. Plant medium tall, light green, very productive. Our stock of this strain has been carefully selected for uniformity and is highly recommended as the earliest maturing obtainable. Oz., 45c; ¼ lb., \$1.50; lb., \$5.25.

Italian Green Sprouting—Although 10 days later than DeCicco, this special strain of Italian Green Sprouting is very popular with the critical vegetable grower. The central blue green head is very compact, the sub-shoots are long and bunch easily. Oz., 35c; ¼ lb., \$1.35; lb., \$4.75.

HART & VICK'S CABBAGE SEED

EARLY AND MIDSEASON KINDS

We give the average number of days it takes to make a mature head from the day plants are set out in the field.

About 5,000 seeds per ounce, 3 ounces will plant an acre.

Bonanza—75 days. Forms small firm head early and continues to grow to maximum size. Can be harvested early when market is strong and also be held in the field for a considerable time after maturity without loss if market conditions are unfavorable. Round heads, very firm and uniform about 6 to 7 inches in diameter and weighing 4 pounds. Oz., 70c; ¼ lb., \$2.85; ½ lb., \$10.00; 10 lbs., \$95.00.

Copenhagen Market—70 days. Splendid for early market and for shipping, also valuable as an early variety for kraut. This strain we offer makes a head quite a little larger than Golden Acre and is nearly a week later. Plant is small, compact, short stem, heads uniformly round and very solid, usually 6 to 7 in. diameter and weigh 3 to 3½ pounds. The quality is very high. Oz., 45c; ¼ lb., \$1.45; ½ lb., \$5.00; 10 lbs., \$47.50.

Early Jersey Wakefield—62 days. Very early. Small, pointed heads, weigh 2-2¼ lbs. Oz., 50c; ¼ lb., \$1.60; ½ lb., \$5.50; 10 lbs., \$52.50.

Golden Acre—66 days. In four trial plots last season this particular strain of Golden Acre led all others in uniformity of size and shape. Earliest round headed cabbage, valuable for early market and for shipping. Weight 3 lbs. and are 6 to 7 in. diameter. Oz., 45c; ¼ lb., \$1.45; ½ lb., \$5.00; 10 lbs., \$47.50.

Golden Acre (Yellows Resistant)—66 days. Will produce good crops on diseased soil. Uniformly round heads. Oz., 55c; ¼ lb., \$1.70; ½ lb., \$6.00; 10 lbs., \$57.50.

Marion Market (Yellows Resistant)—75 days. The best and most popular early round headed yellows resistant kind. Similar to Copenhagen Market but larger and a little later. If your soil has the slightest touch of yellows use Resistant varieties. Oz., 45c; ¼ lb., \$1.45; ½ lb., \$5.00; 10 lbs., \$47.50.

Medium Copenhagen (Yellows Resistant)—70 days. Takes the place of Copenhagen Market wherever there is the slightest trace of yellows in the soil. The heads are of an attractive bluish green, of good size, hard and uniformly round. Oz., 45c; ¼ lb., \$1.45; ½ lb., \$5.00; 10 lbs., \$47.50.

Resistant Glory (Yellows Resistant)—85 days. To a great extent this will replace the old Glory of Enkhuizen that has been so popular with kraut men for many years. The heads are uniformly large, blue green in color, round and very firm. Makes tonnage in the field and stands a long time before cracking. Oz., 65c; ¼ lb., \$1.90; ½ lb., \$6.75; 10 lbs., \$65.00.

LATE OR MAIN CROP CABBAGE

Seneca Danish Ballhead—95 days. Bred in New York State for New York State Cabbage Growers. Globe shaped heads with a slightly flattened top, of good size averaging from 5 to 6½ lbs. each. Very solid, exceptionally well covered and a splendid keeper. Vigorous, medium short stemmed plants. It stands at the "top of the list" in all trial plots we have seen it in this past season. Nothing better. Oz., 55c; ¼ lb., \$1.70; ½ lb., \$6.00; 10 lbs., \$57.50.

RED CABBAGE

Mammoth Rock Red—90 days. Large red, splendid keeper. Heads round, 7 in. diameter, weigh 7 lbs. Oz., 45c; ¼ lb., \$1.45; ½ lb., \$4.75; 10 lbs., \$46.00.

Red Danish—100 days. A most satisfactory and dependable variety to grow. Heads average 4 to 6 lbs., are round, slightly flattened at the top and very solid. Widely used for pickling and coleslaw. Stores very well. Oz., 65c; ¼ lb., \$1.95; ½ lb., \$6.85; 10 lbs., \$66.00.

SAVOY CABBAGE

Chieftain—88 days. Unsurpassed for market, garden and shipping. The best savoy-leaved cabbage we have ever seen. Oz., 45c; ¼ lb., \$1.45; ½ lb., \$5.00; 10 lbs., \$47.50.

CHINESE CABBAGE

Mandarin—73 days. A new distinctive type which produces the long oval shaped heads of Wong Bok but is earlier, slightly smaller and much surer heading. Heads average 9 in. to 11 in. high, 4 in. to 6 in. in diameter at widest point, are firm and solid and have creamy interiors. Outer leaves are wide ribbed, bright, light green. Oz., 65c; ¼ lb., \$1.95; ½ lb., \$6.85.

Michihli—70 days. A great improvement over the old Chihli, more uniform, surer heading. Long, uniformly shaped heads, 20 inches tall, 3½-4 in. thick, slightly tapered to the tip. More attractive darker green outer leaves. Oz., 30c; ¼ lb., 80c; ½ lb., \$2.75; 10 lbs., \$25.00.

CAULIFLOWER

One ounce should produce 2,000 plants. The number of days given is from the time the seed is sown.

Snowball, Perfected Strain—88 days. As fine a strain as there is grown. Plants are vigorous with abundant outer leaves held erect and inner leaves folded to protect the head. The heads are very solid and deep and mature very evenly. Makes heads a little smaller than our Snowdrift. ¼ oz., 90c; oz., \$2.85; ¼ lb., \$10.00; ½ lb., \$35.00.

Snowdrift (White Mountain)—90 days. A variety making a large, deep, solid, white head. The heavy upright growing leaves are very numerous and close together forcing the small inner leaves to curl over and protect the head. Well adapted for use under a wide range of conditions and a most satisfactory strain for main crop for fall harvest. ¼ oz., 90c; oz., \$2.85; ¼ lb., \$10.00; ½ lb., \$35.00.

Super Snowball—85 days. A mighty good strain of early cauliflower with plants of medium height and rather broad waved leaves which bend outward at the tips. Head covers well and are very deep, solid, ivory white and of fine quality. Ripens early and very evenly. ¼ oz., 90c; oz., \$2.85; ¼ lb., \$10.00; ½ lb., \$35.00.

Early Purple—More deliciously flavored than any of the white kinds. The large solid heads do not require tying up to blanch. Plants set out in July make a September crop. Good for freezing. ¼ oz., 90c; oz., \$2.85; ¼ lb., \$10.00.

CARDON

Large Smooth—A perennial grown for the fleshy leaf stalks or midribs which are cut in the fall and grow up again the following spring. Grows 3 ft. high, tie up to hurry blanching. Oz., 50c; ¼ lb., \$1.60; ½ lb., \$4.75.

CHERVIL

Double Curled—The young leaves are used for flavoring soups, stews, salads and for garnishing. Oz., 30c; ¼ lb., 85c; ½ lb., \$2.35.

CHICORY

Asparagus or Radichetta (Catalunga)—65 days. Foliage like a dandelion and used for greens. This is the true, cut-leaved, fibrous-rooted type. Oz., 45c; ¼ lb., \$1.35; ½ lb., \$4.85.

Witloof or French Endive—150 days. There is usually a good market for these 4 to 5 inch clusters of blanched leaves. Oz., 55c; ¼ lb., \$1.65; ½ lb., \$5.85.



Joseph and Angelo Ferlito and Santos Vargas on the Ferlito muck in Oswego, N. Y.



Sigmund Karas was very well pleased with the Early Yellow Globe Onions he grew from our seed on his muck at Elba, N. Y.



William Shepard grew these Red Cored Chantenay Carrots on his muck in Elba, N. Y. and we were very much pleased that they were from our seed.



John Sonnevile of Williamson, N. Y. and some Cornell No. 6 Celery he grew from our seed.

CARROTS

One ounce will plant 300 feet, 3 pounds an acre.

25 pounds sold at the 100 pound rate

Chantenay Long Type—70 days. About one inch longer than Red-Cored. Very smooth, bright orange skin, strong tops, texture and color nearly equal to Red-Cored Chantenay. Especially good on soils where the water table is high. $\frac{1}{4}$ lb., 65c; lb., \$2.00; 10 lbs., \$18.50; 100 lbs., \$175.00.

Chantenay Red-Cored—70 days. We believe this strain of seed of ours is as good or a little better than others on the market. Certainly any strain of carrot that stands at the top of the list in trials throughout this part of the country, both on muck and on hard land, year after year is a pretty good strain to tie to. The roots are a little smoother, more uniformly alike and have better flesh color than most strains. The roots are 6 in. long, $2\frac{1}{4}$ in. at shoulder, tapered stump-rooted, deep reddish-orange skin, core deep orange, almost same color as flesh; fine grained, sweet and tender. $\frac{1}{4}$ lb., 70c; lb., \$2.15; 10 lbs., \$20.00; 100 lbs., \$190.00.

Imperator Long Type—77 days. A long, 9 in. sloping shouldered carrot tapering to a blunt end, smooth and deep rich orange in color. Flesh rich orange, indistinct core, fine grained, high quality. Tops medium and strong enough for bunching. $\frac{1}{4}$ lb., 80c; lb., \$2.45; 10 lbs., \$23.00; 100 lbs., \$220.00.

Nantes Improved—Long Roots, Extra Strong Tops—68 days. We offer you a specially fine strain of that popular bunching market carrot. 7 inches long, cylinder shape, blunt ends, orange flesh of high quality, small distinct core, strong tops of medium length that are less likely to break off when pulling. This is unquestionably the very best Nantes to grow for bunching. $\frac{1}{4}$ lb., 80c; lb., \$2.45; 10 lbs., \$23.00; 100 lbs., \$220.00.

Royal Chantenay—A strain of Red-Cored Chantenay that is about an inch longer, cylinder shaped, blunt ended, very smooth and most attractive color. Flesh top quality and solid, bright clear orange in color. Very heavy producer. Lb., \$2.35; 10 lbs., \$22.00; 100 lbs., \$210.00.

Tendersweet—75 days. The roots are 8 to 10 in. long, tapering slightly from a 2-inch shoulder to a blunt end. The skin is smooth and rich orange scarlet in color. The flesh fine grained, tender, orange in color all the way through and very sweet. $\frac{1}{4}$ lb., 70c; lb., \$2.15; 10 lbs., \$20.00; 100 lbs., \$190.00.

Touchon—68 days. Some of our customers who want a longer carrot than Nantes find this variety to meet the demands of their markets. Similar to our Strong Top Nantes in every way except that it is an inch longer. $\frac{1}{4}$ lb., 80c; lb., \$2.35; 10 lbs., \$22.00; 100 lbs., \$210.00.

CELERIAC

Large Smooth Prague—110 days. Turnip-rooted or "knob" celery. Roots round 3-4 in. in diameter. Oz., 75c; $\frac{1}{4}$ lb., \$2.25; lb., \$7.85.

CHIVES

Low growing perennial plant with foliage similar to fine onion tops that give a mild onion-like flavor to meat sauces, cottage cheese, potatoes, etc. Easily grown for market. $\frac{1}{4}$ oz., 35c; oz., \$1.15.

COLLARDS

Louisiana Sweet—Large, tender leaves with a mild cabbage like flavor on 3 ft. plants. Ready in 80 days. $\frac{1}{4}$ lb., 45c; lb., \$1.45; 10 lbs., \$12.00.

CELERY

The number of days given is the length of time from setting out plants until harvest. One ounce should produce 10,000 plants.

Cornell No. 19—100 days. Between Utah and Golden Self Blanching. An early, easy blanching kind of outstanding quality. 24 to 25 inches tall with an edible stalk $10\frac{1}{2}$ to 11 inches long. Hearts are long and full. Stems thick, rounded and smooth. Highly resistant to fusarium yellows. Oz., \$1.40; $\frac{1}{4}$ lb., \$4.25; lb., \$15.00.

Cornell 619—Dr. Munger, Cornell University, Ithaca, N. Y. A cross between Cornell 6 and 19. It combines the petiole length of 19 with the thickness of 6. An erect, good looking plant, not too brittle to handle well. Growers who saw it last fall in our trials thought very well of it. Oz., \$1.90; $\frac{1}{4}$ lb., \$5.75; lb., \$20.00.

Emerson Pascal—A new green celery moderately resistant to both early and late blight. Erect growing, with long, thick edible stems of good flavor. Foliage deeply cut and very distinct. Oz., \$1.85; $\frac{1}{4}$ lb., \$5.65; lb., \$17.00.

Golden Plume (Wonderful)—85 days. This is the best early yellow celery and our Special Strain is as fine as any in the country. The stalks are large, thick and solid, and the edible portion unusually long. The plants are compact, full-hearted and blanch readily. Oz., \$1.15; $\frac{1}{4}$ lb., \$3.45; lb., \$12.00.

Summer Pascal—Waltham Strain—120 days. Early green celery of fine appearance and quality. Plant is uniform medium height. Long rounded thick stems that blanch easily. Popular in Pennsylvania and the New England States. Oz., \$1.40; $\frac{1}{4}$ lb., \$4.25; lb., \$15.00.

Utah No. 52-70—The newest of the green celeries and by far, the one most widely grown in California, rapidly replacing 10-B. Plants are tall, 26 to 28 inches, erect growing, compact. Stems uniformly 8 to 11 inches long, round, thick, waxy. Quality good, foliage dark green. The performance of 52-70 was variable in the eight trial plots we had scattered clear across New York State last season. In the eastern and western ends of the state it looked very good. In central N. Y. State not nearly so impressive. We urge you to make a trial planting before you put in any acreage. Oz. \$2.35; $\frac{1}{4}$ lb., \$7.00; lb., \$25.00.

Utah No. 15—130 days. A strain of Utah that matures in mid-season. The plants are large, 26 to 28 inches tall and broad at the base. It grows erect, compact, full hearted. The edible stems usually are 8-10 inches long, numerous, of medium width, thick, rounded and quite smooth, crisp and of fine quality. Tops retain dark green color. Oz., \$1.15; $\frac{1}{4}$ lb., \$3.45; lb., \$12.00.

Utah 10-B—This green variety has shown up well for the past three years on the muck in this state. It is ready to harvest about the same time as No. 15, grows 26 to 28 inches high, medium green foliage, edible stems 8 to 10 inches long, rounded, thick and waxy, tender, crisp and of excellent quality. The base is broad, plants tall and erect with numerous stems. Somewhat subject to "brown check." Oz., \$1.15; $\frac{1}{4}$ lb., \$3.45; lb., \$12.00.

**Our Sweet Corn has been treated
with one of the new chemicals.**

25 or more pounds at the 100 lb. price.

SWEET CORN

**Listed in the order in which
they are ready for market.**

Seneca "60" (New High Quality)—63 days. A new strain of this very popular early corn with the well known high quality and flavor of the famous Golden Bantam. Stalk grows about 4½ ft. high, usually bearing two 6½ inch, 10 and 12 rowed ears, medium deep, golden yellow kernels. 5 lbs., \$3.00; 15 lbs., \$8.50; 100 lbs., \$53.00.

Golden Rocket—67 day hybrid. The ears are generally 8 inches long, with 10 to 14 rows of deep kernels of a creamy yellow color that fill it to the tip. Golden Rocket is a very good sweet corn for either the market or the home garden. 5 lbs., \$2.55; 15 lbs., \$6.85; 100 lbs., \$42.00.

Carmelcross—72 days. The ears are 7 to 8 inches long and filled with 12 to 14 rows of broad yellow kernels of good depth. This is a splendid hybrid to follow Golden Rocket. The plants are vigorous growing, about 5½ ft. tall and wilt-resistant. The quality of Carmelcross is excellent. 5 lbs., \$2.45; 15 lbs., \$6.65; 100 lbs., \$40.00.

Marcross—C-13 x 16—76 days. Early hybrid producing ears 6½ to 7½ in. long, 10 to 14 rowed. Medium yellow kernels. Very good quality. Plant has short, sturdy stalks and is completely resistant to wilt (Stewart's Disease). 5 lbs., \$2.55; 15 lbs., \$6.85; 100 lbs., \$42.00.

F-M Cross—77 days. Large, uniform ears of exceptional appearance and very high quality make this new hybrid a popular sweet corn for the critical market gardener and canner. It is earlier, superior in yield and of equal quality to Golden Cross Bantam. The kernels are narrow, very deep and rich light yellow in color. Ears 7 to 8 inches long with 14 to 16 rows of kernels. Stalks are tall, white tasseled, few suckers, two ears to the stalk, 5 lbs., \$2.65; 15 lbs., \$7.35; 100 lbs., \$45.00.

Golden Cross Bantam—83 days. The ears are 7 to 8 inches long, 10 to 14 rowed, lighter yellow than Bantam and just about every ear is exactly alike in size, form and color. Very good quality. Very prolific and highly resistant to Stewart's Disease. The seed we offer is a strain that we are proud of for we have never seen any other that is better in trial plot or planting. 5 lbs., \$2.55; 15 lbs., \$7.00; 100 lbs., \$43.00.

Golden Bounty—84 days. Stalks 7½ to 8 ft. tall, vigorous, wilt resistant, very few suckers. Ears are borne 8 in. higher and shank is longer than Golden Cross Bantam adapting it to mechanical picking. Ears 9 in. long, 12 to 14 rows deep, medium wide, bright yellow kernels of good quality. 5 lbs., \$2.55; 15 lbs., \$7.00; 100 lbs., \$43.00.

Seneca Chief—86 days. Tops for quality. Nine inch, 12 rowed, deep, narrow, golden yellow kernels. Leafy, sturdy plants 7 ft. tall. Resistant to bacterial wilt. 5 lbs., \$2.65; 15 lbs., \$7.35; 100 lbs., \$45.00.

Ioana—87 days. Large 8 to 9 inch slightly tapered ears with 12 to 14 rows of medium deep creamy yellow kernels which fill out the ear to the tip. Good mid-season market corn. Does particularly well on light soils as it does not sucker and is resistant to Stewart's Disease and to drought. Fair quality. 5 lbs., \$2.45; 15 lbs., \$6.65; 100 lbs., \$40.00.

Iochief—New 88 day hybrid that is a little later than Ioana, heavier yielding and of better or deeper yellow kernel color. Larger eared and deeper kernel than Golden Cross Bantam and Ioana, and of much better quality and flavor. It's going to be very popular on the market and with the canner. It might be well to put in an acre or two and see just what it does for you. 5 lbs., \$2.65; 15 lbs., \$7.35; 100 lbs., \$45.00.

STANDARD OR OPEN-POLLINATED KINDS

Golden Bantam—78 days. The old-fashioned 6 to 7 inch strain with 8 rows of yellow kernels. 5 lbs., \$1.85; 15 lbs., \$4.85; 100 lbs., \$28.00.

Stowell's Evergreen—100 days. Standard late white, large eared kind. 5 lbs. \$1.85; 15 lbs., \$4.85; 100 lbs., \$28.00.

POPCORN

Hybrid Hull-less (Minnhybrid 250)—Early white kind with small ears but big yields. Best for the north. Lb., 75c; 5 lbs., \$3.15; 15 lbs., \$8.85; 100 lbs., \$55.00.



Large, uniform, high quality ears, filled to the tip, qualify F.M. Cross for the critical market garden demand.

CORN SALAD

Large Round Leaf—Large, heavy, round, dark green leaves. Oz., 25c; ¼ lb., 75c; lb., \$2.45; 10 lbs., \$22.50.

CRESS

Fine Curled—40 days. Finely cut leaves used for garnishing. Oz., 20c; ¼ lb., 50c; lb., \$1.65.

Upland Broad Leaved—60 days. Broad, thick, dark green leaves that taste like Water Cress. Oz., 20c; ¼ lb., 55c; lb., \$1.85.

Water Cress—An improved strain for forcing. ¼ oz., 40c; oz., \$1.25; ¼ lb., \$3.75.

DANDELION

Improved Thick Leaved—95 days. Compact, vigorous growing. Producing a spreading plant, packed with thick leaves, 18 to 24 inches across; blanches readily. Oz., 95c; ¼ lb., \$2.85; lb., \$10.00.

Italian (Cicoria Catalogna)—65 days. Italian Dandelion. Popular for "greens." Large dark green leaves that cut and come again. Our stock is the true cut-leaf variety. Oz., 45c; ¼ lb., \$1.35; lb., \$4.85.

DILL

Long Island Mammoth—70 days. Large and much more productive than the common dill. Oz., 15c; ¼ lb., 40c; lb., \$1.25.

FENNEL

Florence (Sweet Anise)—110 days. Grown for the bulbs formed by the stalks of the leaves. Oz., 25c; ¼ lb., 75c; lb., \$2.45.

EGG PLANT

One ounce will produce about 2,000 plants

Black Beauty—80 days. This seed stock is as fine as can be grown. Plants are thrifty and average 5 large, smooth, egg-shaped, dark purple fruits that hold their color. Oz., 80c; ¼ lb., \$2.45; lb., \$8.45.

New Hampshire—65 days. Especially valuable to growers here in the north as it ripens two weeks before most other kinds. Fruit is of good size, glossy dark purple and firm meated. Plant very strong growing and very productive. Oz., 85c; ¼ lb., \$2.65; lb., \$9.25.

CUCUMBERS

About 2 lbs. will plant an acre in hills; 3 to 4 lbs. when drilled

Early White Spine — 60 days. Early maturing, smooth, straight fruit. Makes a very fine "Dill." It is blunt ended and retains its splendid medium green color and freshness for a very long time after pickling. ¼ lb., 75c; lb., \$2.25; 5 lbs., \$10.50; 25 lbs., \$50.00.

Highmoor—67 days. **Resistant to scab.** A vigorous healthy plant of unusually dark color, with leaves that are somewhat savoyed. Fruit 8 to 9 inches long, of cylindrical shape with nearly round ends. Dark green, and well colored right to the end. ¼ lb., 75c; lb., \$2.25; 5 lbs., \$10.50; 25 lbs., \$50.00.

Improved Long Green—68 days. Popular both for slicing and for pickles. Fruit long, slender, dark green, plant strong growing and productive. Black spined variety. ¼ lb., 90c; lb., \$2.65; 5 lbs., \$12.50; 25 lbs., \$58.75.

National Pickling—54 days. We offer a very choice strain of this pickle. An immense bearer of straight, blunt ended, bright deep green cucumbers. Pick them as soon as they get the right size for your trade and the vines will bear most abundantly. Black spined. ¼ lb., 75c; lb., \$2.25; 5 lbs., \$10.50; 25 lbs., \$50.00.

Marketer—The Leading Market Kind—65 days. Straight, smooth, slender fruits 7 to 8 inches long, slightly tapered ends, and unusually uniform in size and appearance. The crisp flesh is clear white without a trace of green and the fruit has a very small seed cavity. One of the most attractive and darkest green of the cucumbers and makes a very fancy pack. The vines are thrifty, have good foliage and bear tremendous crops of very fancy fruit. White spined variety. ¼ lb., 85c; lb., \$2.50; 5 lbs., \$11.75; 25 lbs., \$52.00.

Ohio MR 17—A longer, smoother, blunt ended, very dark green pickle. The vines are very strong growing, heavy bearing over a long season and mosaic-resistant. Either this variety or Yorkstate are the kinds to grow on mosaic infected land. ¼ lb., 85c; lb., \$2.50; 5 lbs., \$11.75; 25 lbs., \$52.00.

Straight-8 — 66 days. Dark green, cylinder-shaped fruits about 8 in. long and 1½ in. in diameter. Well rounded at the ends, deep green and free from striping and tipping. A good, white spined, market cucumber for forcing or outdoor growing. ¼ lb., 80c; lb., \$2.45; 5 lbs., \$11.50; 25 lbs., \$55.00.

Yorkstate Pickling—(Prof. Henry Munger, Plant Breeding Dept., Cornell University.) New mosaic resistant kind similar in type and performance to Nat'l Pickling. This pickling cucumber will be warmly welcomed by growers who have had trouble with the mosaic disease. ¼ lb., 80c; lb., \$2.45; 5 lbs., \$11.50; 25 lbs., \$55.00.

ENDIVE

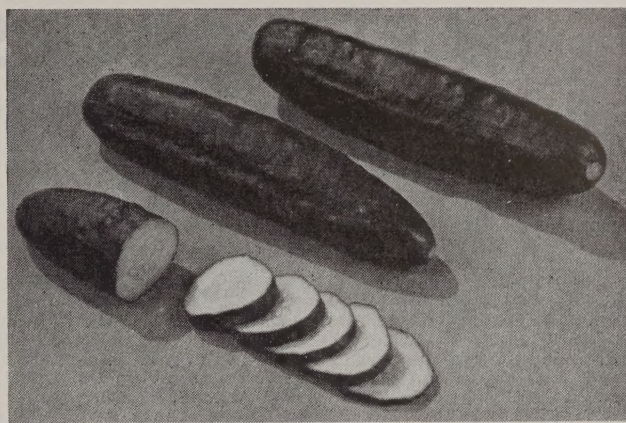
One ounce to 100 feet of row—2-2½ pounds per acre

Deep Heart Fringed—90 days. New, upright growing with extra deep, well-filled clear cream yellow hearts. Broad fringed leaves, less bottom rot, for the outer leaves turn upward. Oz., 25c; ¼ lb., 75c; lb., \$2.15; 5 lbs., \$10.00.

Full Heart Batavian (Escarolle)—90 days. Large, broad, thick dark green easily blanched leaves. A greatly improved Broad Leaved Batavian or Escarolle. Oz., 25c; ¼ lb., 75c; lb., \$2.15; 5 lbs., \$10.00.

Green Curled—95 days. Green Ribbed "Chicory." Deeply cut leaves. Compact, well blanched heart. Oz., 25c; ¼ lb., 75c; lb., \$2.15; 5 lbs., \$10.00.

Green Curled Pancalier—95 days. For late market. Full heavy heart; leaf stem tinged pink. Oz., 25c; ¼ lb., 75c; lb., \$2.15; 5 lbs., \$10.00.



This is Niagara, the Mosaic resistant slicer.

Niagara — Developed by Dr. Henry Munger, Cornell. A mosaic-resistant slicer showing the same plant vigor and unusually large leaf construction found in hybrids. Gets away to a fast start in the Spring and stands up under adverse conditions better than normal varieties. Fruit is white spined, shaped like Cubit, very dark green, 8 to 10 inches long. Flesh white, crisp, tender, of splendid quality. Where mosaic is severe grow Niagara. It will thrive when other varieties fail. ¼ lb., 75c; lb., \$2.25; 5 lbs., \$10.50; 25 lbs., \$50.00.

Early Surecrop—New F₁ hybrid. Very dark green color. This hybrid has spring vigor, disease resistance, dark green foliage, increased yield and ability to produce over a long season that makes it especially desirable. 16,000 to 17,000 seeds to a pound of this seed. Trial pkg., 40c; ¼ oz., \$1.15; oz., \$3.35; ¼ lb., \$10.50.



Yorkstate Pickling at the top; National Pickling at the bottom.

KALE

Dwarf Curled or Blue Scotch—75 days. Hardy plants, 12 in. tall, 30 in. across. Compact, large, curled, blue-green foliage. Oz., 25c; ¼ lb., 75c; lb., \$2.45; 5 lbs., \$11.25.

KOHL RABI

Early White Vienna—(Short Top)—55 days. The standard for forcing and out of door growing for the market. Oz., 40c; ¼ lb., \$1.15; lb., \$3.75.

HART & VICK'S LETTUCE SEED

Lettuce growers usually sow from 2 to 3 pounds to the acre

VARIETIES THAT HEAD

Big Boston—76 days. Butterhead type with glossy, plain edged leaves tinged brown on the edges. $\frac{1}{4}$ lb., 90c; lb., \$2.75; 5 lbs., \$13.25; 10 lbs., \$25.50.

Cornell 456—82 days. Our original type strain of this hard heading, iceberg type lettuce is giving satisfaction where ever it is grown. Grower after grower that we talk to says it's the best he has used. It is tip-burn resistant, hard and sure heading and the best of its type to grow in most muck land. It is a selection of "iceberg" type made by Drs. Knott and Raleigh of Cornell University. $\frac{1}{4}$ lb., \$1.90; lb., \$5.75; 5 lbs., \$28.25; 10 lbs., \$55.00.

Great Lakes—82 days. New "iceberg type" head lettuce. Developed by Michigan State College from the same parents as Cornell No. 456. Very resistant to tip-burn, will make good size, deep rich green very solid heads that stand a long time before bolting under severe conditions of hot weather. $\frac{1}{4}$ lb., \$1.80; lb., \$5.45; 5 lbs., \$26.75; 10 lbs., \$52.50.

May King—66 days. Early heading kind used for forcing in frames. Solid, light green tinged with brown, inside crisp and golden yellow. $\frac{1}{4}$ lb., 80c; lb., \$2.45; 5 lbs., \$11.75.

Pennlake—Looks very much like Great Lakes but heads are smaller and rather conical in shape. The leaves are heavier, have less frills and fold very tightly over the top of the head. More compact than Great Lakes with fewer outer and darker green leaves. It does show some tip burn. A good kind to grow on the upland. $\frac{1}{4}$ lb., \$1.90; lb., \$5.75; 5 lbs., \$28.25; 10 lbs., \$55.00.

Premier Great Lakes—An early Great Lakes strain with very large, smooth, dark green leaves folding tightly over the top of the head. The heads are large, uniform and compact and are also slow to bolt to seed. Try it. It may be the lettuce you can grow well and that your market wants. $\frac{1}{4}$ lb., \$1.90; lb., \$5.75; 5 lbs., \$28.25; 10 lbs., \$55.00.

White Boston (Special Large Frame)—74 days. Our customers in New York State have been growing this for several years very successfully. Ours is as fine a strain of the large headed, big frame White Boston as there is in the country. $\frac{1}{4}$ lb., 80c; lb., \$2.45; 5 lbs., \$11.75; 10 lbs., \$22.50.

Dr. George Raleigh of the Plant Breeding Dept., New York State College of Agriculture, Cornell University, Ithaca, N. Y., is probably the top authority on lettuce varieties for muck growing in this State. Ask his advice when in doubt as to which variety to grow.

LEEK

American Flag or Giant Musselburg—150 days. Long, large, sturdy white stems and medium-green leaves. Oz., 55c; $\frac{1}{4}$ lb., \$1.65; lb., \$5.85.

Elephant—Extra large, very smooth and clear white stalks, more attractive than older kinds. Oz., 55c; $\frac{1}{4}$ lb., \$1.65; lb., \$5.85.



Our Early Yellow Globe seed grew this crop of onions for Ross Dunsmoor of Oswego, N. Y.

LOOSE-LEAF KINDS

Black Seeded Simpson—45 days. Curly, thin leaved, tender, ruffled light yellowish green. Retains its excellent quality a long time. $\frac{1}{4}$ lb., 80c; lb., \$2.45; 5 lbs., \$11.75; 10 lbs., \$22.50.

Grand Rapids—42 days. Loose leaved and frilled. Best of its type for growing outdoors for market. $\frac{1}{4}$ lb., 80c; lb., \$2.35; 5 lbs., \$11.25; 10 lbs., \$21.50.

Grand Rapids U. S. No. 1—42 days. A larger, stronger light green type, very well curled, that is growing in popularity both for forcing and outdoor growing. $\frac{1}{4}$ lb., 80c; lb., \$2.45; 5 lbs., \$11.75; 10 lbs., \$22.50.

Salad Bowl — Gold Medal Winner All-America Selections 1952—Very large plant of rich green decorative leaves, waved and notched. Holds its quality and tenderness a long time. Might be packaged for the fancy market trade. $\frac{1}{4}$ lb., \$1.75; lb., \$5.25; 5 lbs., \$25.50.

COS OR ROMAINE LETTUCE

Dark Green Cos—70 days. Makes a slightly shorter plant than the Light Green and has dark green leaves. Same self-folding habit and solid head. $\frac{1}{4}$ lb., 80c; lb., \$2.35; 5 lbs., \$11.25; 10 lbs., \$21.50.

Trianon, Light Green—70 days. Long spoon-shaped leaves that make long, oval shaped light green, well folded firm heads. Whitish green inside, with heavy white brittle mid ribs. Hard and crisp and of very excellent quality. $\frac{1}{4}$ lb., 80c; lb., \$2.35; 5 lbs., \$11.25; 10 lbs., \$21.50.

MANGELS AND SUGAR BEETS

Golden Tankard—Large, thick oval roots; light green above, deep orange below ground; flesh yellow with white zones. $\frac{1}{4}$ lb., 30c; lb., 95c; 5 lbs., \$4.25; 10 lbs., \$8.00.

Half Sugar, Green Top—90 days. Long ovoid roots, flesh white. $\frac{1}{4}$ lb., 30c; lb., 95c; 5 lbs., \$4.25; 10 lbs., \$8.00.

Long Red—110 days. Enormously productive. Grow $\frac{1}{2}$ out of ground. $\frac{1}{4}$ lb., 35c; lb., 95c; 5 lbs., \$4.25; 10 lbs., \$8.00.

MUSTARD

Long Standing (Southern Curled)—45 days. Will not bolt to seed as soon as other kinds. Plant hardy, leaves large, wide and curled at edges. Oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.25; 5 lbs., \$5.75; 10 lbs., \$10.50.

We recommend for Roadside Stand Sales—Our Green Top Bunching Beet, Tenderlong Beans, Golden Rocket Sweet Corn, Salad Bowl Lettuce, Sweet Spanish Onions from plants, Butternut Squash, Rutgers Tomato, New Hampshire Midget Watermelon.



Our Early Yellow Globe Onions on the muck of Gavel Bros. at Elba, N. Y.



Frank Finney showing us some of the Early Yellow Globe Onions he grew from our seed on his Elba, N. Y. muck.



Early Yellow Globe Onions on the John Piazza muck in Prattsburg, N. Y.

HART & VICK'S ONIONS

3 to 5 pounds to the acre are generally sown

Brigham Yellow Globe—110 days. A good yielding variety with a heavy, thick, deep brown skin that stays on the bulb and a splendid keeper. Our strain is very true; its quality has become favorably known wherever onions are grown for market. $\frac{1}{4}$ lb., \$1.45; lb., \$4.35; 5 to 25 lbs. @ \$4.25 per lb.

Danver's Yellow Globe (Original Squires Strain)—105 days. The globe-shaped bulbs are medium large, very solid and have a good dark yellow skin that holds on well. Flesh is white, firm and hard. $\frac{1}{4}$ lb., \$1.45; lb., \$4.35; 5 to 25 lbs. @ \$4.25 per lb.

Downing's Yellow Globe—110 days. Medium sized, very solid bulbs with coppery colored tight fitting skins. A splendid keeper. $\frac{1}{4}$ lb., \$1.45; lb., \$4.45; 5 to 25 lbs. @ \$4.35 per lb.

Early Yellow Globe—100 days. This is the best early yellow onion—Large globe shape, bright yellow skin and quality of flesh make it attractive on the market. 10 days to two weeks earlier than Brigham, keeps better in storage than most early kinds. Onion growers throughout the country know our Special Early Yellow Globe. $\frac{1}{4}$ lb., \$1.45; lb., \$4.35; 5 to 25 lbs. @ \$4.25 per lb.

Ebenezer—100 days. Large, flattened, pure deep yellow, good skin, splendid keeper. $\frac{1}{4}$ lb., \$1.30; lb., \$3.85; 5 to 25 lbs. @ \$3.75 per lb.

Iowa No. 44—100 days. Very uniformly medium size bulbs, round to somewhat globe shape with thick copper outer skin and very firm, solid, mildly flavored flesh. Very good keeping onion. A combination of synthetic hybrids developed and introduced by Iowa State College. $\frac{1}{4}$ lb., \$1.45; lb., \$4.35; 5 to 25 lbs. @ \$4.25 per lb.

Hardy White Bunching—60 days. Makes long, slender crystal white bunching onions very early. Each seed produces a cluster of 4 to 6 useful shoots. $\frac{1}{4}$ lb., \$1.30; lb., \$4.00; 5 to 25 lbs. @ \$3.90 per lb.

Southport White Globe—110 days. Standard late white skinned kind. Round, medium size bulbs. $\frac{1}{4}$ lb., \$1.75; lb., \$5.15; 5 to 25 lbs. @ \$5.00 per lb.

White Portugal (Silverskin)—100 days. The standard bunching onion. $\frac{1}{4}$ lb., \$1.45; lb., \$4.35; 5 to 25 lbs. @ \$4.25 per lb.

Southport Red Globe—110 days. The very best red kind. Splendid keeper. Bulbs large, globe-shaped; skin thick and purplish red; flesh white tinted pink. $\frac{1}{4}$ lb., \$1.45; lb., \$4.35; 5 to 25 lbs. @ \$4.25 per lb.

Yellow Sweet Spanish (Utah Strain)—115 days. We believe this is the best strain of the Sweet Spanish onions. Larger, earlier, more solid, better skin and color than other strains. A true globe-shaped onion with pure white flesh of mild, sweet flavor. This is a late onion, takes a longer season to mature. Sow the seed early. $\frac{1}{4}$ lb. \$1.85; lb., \$5.45; 5 to 25 lbs. @ \$5.35 per lb.

TWO HYBRID ONIONS

Dr. Henry A. Jones of the U.S.D.A. is the man who has done most of the work on hybrid onions. He has made the production of seed possible by making his breeding lines available to all seedsmen who are interested. All hybrid onion introductions are the result of Dr. Jones' study and material. We urge onion growers to make trial plantings of these hybrids and know just what they will do for them before putting in any acreage. We have carefully examined many trial plots of hybrid onions and have not seen any hybrids that are better for New York State than the standard varieties that are now being grown by most onion growers.

Autumn Star—A very heavy yielding, early maturing kind, ready at the same time as Early Yellow Globe. The bulbs are uniformly round, of the same size and have good skin coverage. It has the usual added vigor and heavy yielding quality of the hybrid.

Autumn Glory—Similar in appearance to the late maturing Brigham onion. Globe shaped bulbs, very uniform in size, with thick, coppery brown skins that don't rub off easily. Keeps in storage better than the other hybrids we have seen. This hybrid has great vigor and yields exceptionally well.

Prices on both Hybrids— $\frac{1}{4}$ lb., \$2.75; lb., \$9.75; 5 to 25 lbs., \$9.60 per lb.

MUSKMELON

Sow 2 to 3 pounds to the acre

Bender's Surprise—90 days. A salmon fleshed melon used by commercial growers in this state. Fruit large, oval, distinctly ribbed and heavily netted. The meat is thick, not fibrous and of very high quality. Seed cavity very small. Good shipping variety. Oz., 35c; $\frac{1}{4}$ lb., \$1.10; lb., \$3.25; 5 lbs., \$15.75.

Delicious 51—80 days. A new, large fruited Fusarium resistant melon developed by Dr. H. M. Munger of Cornell University, that combines all the good qualities of the famous Delicious with disease resistance. Fruit is very uniform in shape, moderately ribbed and closely netted. Weighs about 5 lbs. and is 6 inches in diameter. Vines are vigorous and yield very well. Oz., 50c; $\frac{1}{4}$ lb., \$1.55; lb., \$4.15; 5 lbs., \$22.25; 10 lbs., \$41.00.

Iroquois (New Large Type)—90 days. A new very high quality, medium size melon, resistant to Fusarium Wilt. Developed at Cornell University. Smaller than Bender. Slightly oblong in shape, heavy netting, thick orange flesh of very high quality; very uniform in size. Early enough to make it a very fine market variety. Oz., 40c; $\frac{1}{4}$ lb., \$1.25; lb., \$3.75; 5 lbs., \$18.25; 10 lbs., \$35.50.

Golden Delight Bronze Medal, All-America Selections 1952—Large, oval fruit with wide shallow ribs and open netting. Flesh thick, very firm, orange color, very high quality. A splendid melon for roadside stand and market. Oz., 45c; $\frac{1}{4}$ lb., \$1.40; lb., \$4.25; 5 lbs., \$20.50; 10 lbs., \$40.00.

Hearts of Gold (Large Type)—100 days. A splendid melon to ship and popular with growers. The fruits are about 7 inches long; nearly round, with indistinct furrows, well netted. Flesh very thick; deep salmon, fine grained and high quality. Oz., 25c; $\frac{1}{4}$ lb., 80c; lb., \$2.50; 5 lbs., \$11.75; 10 lbs., \$22.50.

Irondequoit—90 days. A good melon for roadside stands and near-by markets. Large, round fruits, thick salmon flesh, very juicy, sweet, fine flavor. Not a good shipping melon. Oz., 40c; $\frac{1}{4}$ lb., \$1.25; lb., \$3.75; 5 lbs., \$18.25; 10 lbs., \$35.50.

Queen of Colorado—90 days. Splendid oval shaped, medium sized melon with heavy corky netting. Flesh deep orange, small seed cavity. Good for shipping and roadside market. Oz., 40c; $\frac{1}{4}$ lb., \$1.25; lb., \$3.75; 5 lbs., \$18.25; 10 lbs., \$35.50.



Albert and Joseph Smith on their muck at Elba, N. Y. where they grow Early Yellow Globe Onions from our seed.



Our Iowa 44 Onions on Raymond Sherwood's muck in Elba, N. Y.

OKRA OR GUMBO

Dwarf Green Long Pod—55 days. Fleshy, tender. 7 to 8 in. pods, tapered near tip. 2½ ft. tall. ¼ lb., 40c; 1b., \$1.25; 5 lbs., \$5.75.

PARSLEY

One ounce will sow a 200 foot row

Champion Moss Curled—75 days. Compact plant with very dark green leaves so finely cut as to resemble tufts of moss. Taller, lighter green and more productive than Paramount. Oz., 20c; ¼ lb., 55c; 1b., \$1.60; 5 lbs., \$7.50.

Paramount—80 days. A very fine, uniformly curled kind that is not as tall as Champion Moss Curled. Color unusually dark green; texture more attractive than other kinds. Very uniform in type. A good forcing and outdoor parsley. Oz., 20c; ¼ lb., 60c; 1b., \$1.75; 5 lbs., \$8.50.

Plain Leaf—80 days. Large smooth leaves deeply cut but not curled. Oz., 20c; ¼ lb., 55c; 1b., \$1.60; 5 lbs., \$7.50.

PARSNIP

Sow about 3 pounds to the acre

Harris Model—Popular with growers who prefer a parsnip without too broad shoulders and a less abrupt taper. Slightly longer than Hollow Crown. Roots smooth, evenly tapered. The whitest in color and does not discolor quickly. Hardy and a good keeper. ¼ lb., 55c; 1b., \$1.65; 5 lbs., \$7.50; 10 lbs., \$14.00.

PUMPKIN

Sow about 3 pounds to the acre

Connecticut Field (Big Tom)—120 days. Standard field kind for canning and stock feed. Orange fruits often weighing 18 lbs., round with flat ends. Oz., 20c; ¼ lb., 55c; 1b., \$1.65; 5 lbs., \$7.75.

Orange Winter Luxury—110 days. 8 in. in diameter, orange flesh thick, yellow, firm, splendid quality. Oz., 20c; ¼ lb., 55c; 1b., \$1.65; 5 lbs., \$7.75.

Sugar or Pie—110 days. Early and best for pies. 8-9 in. diameter, rind hard, flesh thick, orange yellow, fine quality. Oz., 20c; ¼ lb., 55c; 1b., \$1.65; 5 lbs., \$7.75.



Our Early Yellow Globe Onions on the muck of Arthur Jenkins of Elba, N. Y.

HART & VICK'S PEAS

25 pounds sold at the 100 pound rate

Alderman or Dark Podded Telephone—72 days. Main crop variety. Much better than the old Telephone. Splendid shipper. Vines 40 in. high, bear large crops of 4½ in. pods of 8 to 10 peas. Wilt resistant. 5 lbs., \$1.85; 15 lbs., \$4.95; 100 lbs., \$28.00.

Freezonian. All America Bronze Medal Winner 1948 — 62 days. A new early maturing, wilt-resistant, market growers variety. The tall, 30 inch, husky growing vines are great yielders of dark green, blunt, 3 to 3½ inch pods filled with large peas of very good quality. Splendid for freezing. 5 lbs., \$1.85; 15 lbs., \$4.95; 100 lbs., \$28.00.

Little Marvel—63 days. Medium-early, 3 in. pods in great quantities on 18 in. vines. Better for home garden than for market. Unsurpassed for quality and productiveness. 5 lbs., \$1.95; 15 lbs., \$5.15; 100 lbs., \$30.00.

Midseason Giant—75 days. (Wilt Resistant.) Market and shipping pea. Pods 5 to 5½ in. long, dark green, pointed, slightly curved and plump. 2½ ft. tall. 5 lbs., \$1.85; 15 lbs., \$4.95; 100 lbs., \$28.00.

Morse's Progress—60 days. Larger and darker green pods than the old favorite Laxton's Progress, and a great improvement on that kind. Vines very thrifty and about 20 in. tall, and very heavy bearing. Resistant to wilt. 5 lbs., \$1.95; 15 lbs., \$5.15; 100 lbs., \$30.00.

Victory Freezer—65 days. New medium early peas with a 3-3½ inch, dark green, blunt ended pod generally carried in pairs at the top of the plant that makes easy picking. Quality very good, tender and delicious. Vines 30 inches tall and very heavy yielding. A splendid pea for freezing. 5 lbs., \$1.85; 15 lbs., \$4.95; 100 lbs., \$28.00.

Wando—68 days. A heat resistant kind. Thrifty 30 inch vines bearing dark green pods of medium size filled with 7 to 8 peas. Good quality and freezes well. 5 lbs., \$1.95; 15 lbs., \$5.15; 100 lbs., \$30.00.

World's Record—58 days. Earliest large pod wrinkled kind. 3½ in. long, pointed dark green pods full of large peas of splendid quality. Strong vines 24 in. high, bear large crops. 5 lbs., \$1.85; 15 lbs., \$4.95; 100 lbs., \$28.00.



1385 bushels of Early Yellow Globe Onions from four pounds of seed. Frank Vandemere on his Williamson, N. Y. muck.

PEPPERS

One ounce will make about 1,000 plants

California Wonder—72 days. We offer a particularly good strain of this popular pepper. Large, handsome fruits smooth and regular. $4\frac{1}{2}$ inches long and 4 inches through; deep green, flesh very thick and firm. Sweet, distinct flavor. Plants thrifty and upright, heavily productive over a long season. Oz., 75c; $\frac{1}{4}$ lb., \$2.45; lb., \$8.00.

Calwonder—63 days. A week earlier than California Wonder. Dwarf, sturdy plants bear heavy crops of large, smooth, thick meated peppers. Very popular when the seasons are short. Oz., 75c; $\frac{1}{4}$ lb., \$2.45; lb., \$8.00.

Early Wonder—63 days. New, early, large, chunky fruit, rich green turning bright red. Meat thick and sweet. A good market kind similar to California Wonder but earlier and more productive. Oz., 90c; $\frac{1}{4}$ lb., \$2.70; lb., \$9.00.

Hot Portugal—75 days. A large, very hot pepper that will average 6 inches in length and $1\frac{1}{2}$ in. through at the crown. The plant is sturdy and yields very heavily. Oz., 75c; $\frac{1}{4}$ lb., \$2.45; lb., \$8.00.

Hungarian Wax, Large Type (Hot)—60 days. Slender tapering 6 in. fruits. Waxy yellow turning crimson. $\frac{1}{4}$ oz., 25c; oz., 75c; $\frac{1}{4}$ lb., \$2.45; lb., \$8.00.

King of the North—60 days. Very early, productive kind with fruits $4\frac{1}{2}$ in. long and 3 in. in diameter. Deep green turning dark red when ripe. Oz., 75c; $\frac{1}{4}$ lb., \$2.45; lb., \$8.00.

Oshkosh—70 days. Attractive yellow when ripe, dark green when young. Blocky fruits $4\frac{1}{2}$ in. long and $3\frac{1}{2}$ in. across. Mild, sweet flavor. $\frac{1}{2}$ oz., 45c; oz., 75c; $\frac{1}{4}$ lb., \$2.45; lb., \$8.25.

Golden California Wonder—68 days. The largest and most attractive yellow sweet pepper. Similar to California Wonder in plant and fruit size but slightly earlier and more productive over a long season. Flesh very thick and sweet. The green fruits turn from green to deep golden yellow. Golden California is a better yellow pepper. $\frac{1}{2}$ oz., 55c; oz., 95c; $\frac{1}{4}$ lb., \$2.85; lb., \$10.00.

Pennwonder—60 days. A new early kind developed by Prof. M. L. Odland of Penn. State College that is particularly suited to growing here in the north. The fruit is of good size, thick sweet meated and borne in abundance on low, strong-growing plants. The immature fruits are a clear deep lustrous green turning bright red when ripe. Oz., 85c; $\frac{1}{4}$ lb., \$2.60; lb., \$8.50.

Sweet Roumanian—85 days. Peppers $4\frac{1}{2}$ -5 in. long, $2\frac{1}{2}$ in. through at the shoulder, tapering to a blunt end. Pale waxy yellow, bright scarlet when ripe. Flesh sweet. $\frac{1}{2}$ oz., 65c; oz., \$1.10; $\frac{1}{4}$ lb., \$3.55.

Vinedale—Bronze Medal Winner, All-America 1952—Developed by Prof. O. J. Robb, Horticultural Exp. Station, Vineland, Ont., Canada. Low growing plant bearing early, medium sized red sweet peppers about 4 by 2 inches. Blunt ends and thick walls. $\frac{1}{2}$ oz., 50c; oz., 85c; $\frac{1}{4}$ lb., \$2.50; lb., \$8.50.

Worldbeater—70 days. Long, extra large, thick fleshed fruit, deep lustrous green becoming very bright red. Plants are strong, vigorous growing and remarkably productive. Oz., 75c; $\frac{1}{4}$ lb., \$2.40; lb., \$7.75.



Chester Wagner of Albion, N. Y. grew these Seneca Danish Cabbage from our seed.



Our Early Yellow Globe Onions on Pat D'Ambra's muck in Oswego, N. Y.

RADISH

25 pounds sold at the 100 pound rate

Cavalier No. 374. — 22 days. This brilliant scarlet, olive shaped radish stands a long time before getting pithy. The tops are short and strong; the bulbs bright scarlet, of uniform size and true olive shape. We offer you a strain that a lot of work has been done on to make it outstanding among particular radish growers. This strain of Cavalier is particularly suited for forcing during the winter and very early spring. It is ready for pulling a few days sooner than other strains we have tried and the bulbs are uniformly just a little bit larger and brighter in color. $\frac{1}{4}$ lb., 40c; lb., \$1.25; 5 lbs., \$5.75; 10 lbs., \$10.50; 100 lbs., \$95.00.

Cherry Belle—All American Winner 1949. Round, brilliant scarlet bulbs with short, strong tops. A splendid kind to grow under glass as it stands a long time before getting pithy. $\frac{1}{4}$ lb., 45c; lb., \$1.35; 5 lbs., \$6.25; 10 lbs., \$11.50.

Comet—27 days. Very bright scarlet large round radish that does particularly well in warm weather when other kinds get pithy. $\frac{1}{4}$ lb., 40c; lb., \$1.25; 5 lbs., \$5.75; 10 lbs., \$10.50.

Crimson Giant—29 days. Largest of the early top-shaped radishes, grows $1\frac{1}{2}$ in. in diameter before becoming pithy. High quality, deep scarlet. $\frac{1}{4}$ lb., 40c; lb., \$1.25; 5 lbs., \$5.75; 10 lbs., \$10.50.

Early Scarlet Globe, Medium-Top Strain—23 days. This is identical with the Short-Top strain offered below but the tops are medium tall, making it an outstanding radish to grow outdoors either on upland or in the muck. $\frac{1}{4}$ lb., 40c; lb., \$1.15; 5 lbs., \$5.25; 10 lbs., \$9.50; 100 lbs., \$85.00.

Icicle, Short Top Strain—27 days. The very best Icicle Radish for growing under glass or outdoors either on the muck or dry land. The tops are short but long enough for bunching. The roots smooth and pure white. $\frac{1}{4}$ lb., 40c; lb., \$1.15; 5 lbs., \$5.25; 10 lbs., \$9.50; 100 lbs., \$85.00.

Long Brightest Scarlet—29 days. Long tapered bulbs, 4 to 5 inches. Bright carmine red. $\frac{1}{4}$ lb., 45c; lb., \$1.35; 5 lbs., \$12.50.

Sparkler—25 days. Fairly large, almost globe shaped bulbs, bright scarlet with a pronounced white tip. Tops small. $\frac{1}{4}$ lb., 40c; lb., \$1.25; 5 lbs., \$5.75; 10 lbs., \$10.50.

Vick's Early Scarlet Globe, Short-Top Forcing Strain—23 days. The strain we offer is popular for forcing throughout the country. It has all the qualities that are needed to make a good kind to grow under glass. Small, strong tops, ideal for bunching. Uniformly bright scarlet, slightly olive shaped bulbs with small, slender tap roots. Crisp white flesh of very high quality. $\frac{1}{4}$ lb., 40c; lb., \$1.25; 5 lbs., \$5.75; 10 lbs., \$10.50; 100 lbs., \$95.00.

We rescreen the seed of our Vick's Early Scarlet Globe and our Cavalier No. 374 to make it more uniform in size. Growers using mechanical seed sowers will appreciate how much more even it comes from the machine.

FALL OR WINTER RADISHES

California Mammoth White— $\frac{1}{4}$ lb., 50c; lb., \$1.45.

Chinese Rose — 50 days. Roots 6 in. long, 2 in. diameter. Bright scarlet. $\frac{1}{4}$ lb., 50c; lb., \$1.45.

Round Black Spanish—55 days. Globe shaped roots 4 in. diameter, black skin. $\frac{1}{4}$ lb., 50c; lb., \$1.45.

If you plant the seed of globe type radishes shallow, you will get rounder radishes. Plant the seed deeper and the bulbs will be more oval in shape.

SUMMER SQUASH

5 to 6 pounds per acre

Caserta—Cocozelle type squash on a compact plant making no runners. Bears a week earlier than Cocozelle and very heavily. The fruit is light yellow, striped with green and at its peak of quality and attractiveness when about the size of a slicing cucumber at picking time. Oz., 25c; ¼ lb., 80c; lb., \$2.45; 10 lbs., \$22.00.

Cocozelle, Long Type—65 days. Cylindrical, straight, smooth fruits, dark green with lighter stripes. Often 20 in. long, on very prolific bush type plants. Oz., 25c; ¼ lb., 70c; lb., \$2.25; 10 lbs., \$20.00.

Early Prolific Straightneck—50 days. Early, high yielding, bush type plants that permit close planting. Smooth, straight, cream colored fruits of very high quality. We offer you a strain that will give you fruits very uniform as to color, size and form. Oz., 25c; ¼ lb., 70c; lb., \$2.25; 10 lbs., \$20.00.

Yankee Hybrid—45 days. Vine is bush type. Fruit, medium yellow, straight and slightly warted. A very fine squash to grow for a critical market. The fruit is very attractive, very uniform in size and shape and of the highest quality. A great variety to yield. Oz., 65c; ¼ lb., \$1.85; lb., \$5.50; 10 lbs., \$52.50.

Zucchini Hybrid—50 days. A new early, vigorous, heavy yielding F1 hybrid. Fruits early before open pollinated kinds start bearing. Upright, bush type plant. Fruits uniformly dark green, long and cylindrical. Quality very good. Oz., 75c; ¼ lb., \$2.10; lb., \$6.50; 10 lbs., \$62.50.

HOLLAND GROWN SPINACH SEED

25 pounds sold at the 100 lb. rate

Sow 12 to 20 pounds per acre in rows

America—All-America Silver Medal Winner 1952—50 days. Thick, heavy, glossy dark green, crumpled and savoyed leaves. Longer standing and heavier yielding than other kinds. Can cut at 50 days and will stand another 25 days before going to seed. Lb., 65c; 10 lbs., \$5.50; 100 lbs., \$48.00.

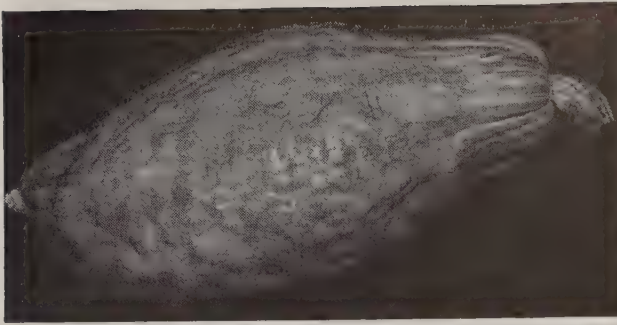
Blight-Resistant Savoy—40 days. Upright growing, large, thick, crumpled leaves. 100% blight resistant. Sow in the late summer. Lb., 55c; 10 lbs., \$4.70; 100 lbs., \$39.00.

Long Standing Bloomsdale—45 days. For early spring and early fall sowing. Compact, erect growing plants with thick dark glossy green, crumpled leaves, very long standing. Lb., 55c; 10 lbs., \$4.70; 100 lbs., \$39.00.

Old Dominion—40 days. A blight-resistant, dark green leaved, long standing kind for spring and early fall sowing. Lb., 55c; 10 lbs., \$4.70; 100 lbs., \$39.00.

Special Summer Savoy—40 days. Sow in spring for fall crop. In late fall for spring crop. Large plants of very heavy deep green, blistered and savoyed leaves, and it stands a long time without shooting to seed. Lb., 55c; 10 lbs., \$4.70; 100 lbs., \$39.00.

Viking (Heavy Pack)—45 days. Very large, smooth, dark green leaves. Plant large, spreading, vigorous and long standing. Lb., 55c; 10 lbs., \$4.70; 100 lbs., \$39.00.



There are several types of Blue Hubbard Squash but we like this New England strain, with the longer, larger fruits.

WINTER SQUASH

3 to 4 pounds per acre

Blue Hubbard—110 days. Most popular winter squash. We offer the very large, long, flattened, thick-fleshed type preferred here in New York State and throughout the East. Oz., 30c; ¼ lb., 95c; lb., \$3.00; 10 lbs., \$27.50.

Buttercup—100 days. Small squash with thick flesh of fine quality. Getting to be very popular at roadside stands. Oz., 35c; ¼ lb., \$1.15; lb., \$3.50; 10 lbs., \$32.50.

Butternut—60 days. A new bottle-shaped squash with 10 to 12 in. long fruits. Outer shell smooth, hard, yellow brown. Flesh clear yellow, dry, rather sweet, good quality. This squash, especially the heavy type with the thick, straight neck has become a very popular kind. We are very proud of our strain of this variety. Oz., 40c; ¼ lb., \$1.25; lb., \$3.85; 10 lbs., \$36.00.

Delicious—100 days. Medium size, dark green skin, thick orange flesh of very high quality. Oz., 30c; ¼ lb., 90c; lb., \$2.85; 10 lbs., \$26.00.

Golden Delicious—100 days. Same as above, orange skin. Oz., 30c; ¼ lb., 90c; lb., \$2.85; 10 lbs., \$26.00.

Hubbard—105 days. Large, heavy, thick orange meat, bronze green skin. Oz., 25c; ¼ lb., 80c; lb., \$2.45; 10 lbs., \$22.00.

Royal Acorn—58 days. A large size Table Queen squash that measures 6 in. long and 5 in. across. The demand is rapidly growing for this larger Acorn and we are very glad to be able to offer you seed that is quite a bit better. Oz., 25c; ¼ lb., 75c; lb., \$2.25; 10 lbs., \$20.00.

Table Queen or Acorn, Des Moines—58 days. Individual squash. Small, dark green, 6 in. long, 5 in. thick. Fine quality. Oz., 25c; ¼ lb., 70c; lb., \$2.15; 10 lbs., \$19.50.

Ucon. Gold Medal Winner 1950—Bush type Table Queen without its sharp ridges. Early, heavy bearer. The meat is thick, rich, good quality. Good keeper. Oz., 25c; ¼ lb., 75c; lb., \$2.25; 10 lbs., \$20.00.

Our strain of Butternut Squash attracts attention wherever it is seen. It is that blocky type with the short thick neck that buyers like so well.

SALSIFY—Vegetable Oyster

One ounce will sow a 100 foot row

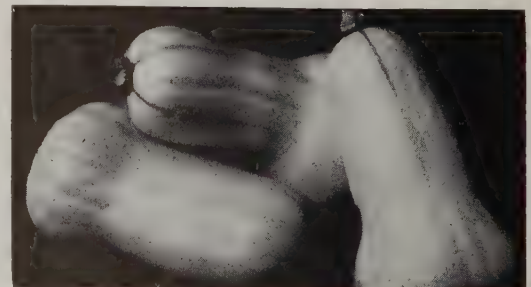
Mammoth Sandwich Island—150 days. The standard variety for market. Produces smooth, long tapered roots without side shoots. Oz., 45c; ¼ lb., \$1.40; lb., \$4.25; 5 lbs., 20.00.

SWISS CHARD

Fordhook—60 days. Large crumpled and blistered thick, very dark green leaves with broad white stem and midrib. ¼ lb., 45c; lb., \$1.40; 5 lbs. or more @ \$1.25 per lb.

SUNFLOWER

Mammoth Russian—80 days. Giant heads of flowers 20 in. across on 10 ft. tall plants. Produce a huge crop of large plump seed striped with grey. Valuable as a food for poultry and parrots. ½ lb., 35c; lb., 55c; 5 lbs., \$2.45.



The demand is rapidly increasing for our Butternut Squash, particularly this blocky, straight, thick-necked strain we are rather proud of.

TOMATO SEED

An ounce will produce about 2,000 plants. We are giving you the average number of days to maturity from the day the young plant is set in the field.

Crimson Cushion (Beefsteak)—95 days. Very large, irregular, flat and rough, crimson fruit with solid meat. Vine large and sprawling. Used mostly by home gardeners who want to brag about the size of the tomatoes they grow. $\frac{1}{2}$ oz., 45c; oz., 75c; $\frac{1}{4}$ lb., \$2.45; lb., \$8.75.

Gem—66 days. Ripens along with Valiant and as the plant is small and compact in growth and allows close planting, 3 x 4 or 2 x 5, tremendously large yields of early fruit can be expected. 10 tons per acre have been produced early in September. Fruit large, almost round and very smooth. Unripe fruits uniform light green. Ripens uniformly to good clear red. Heavy with thick walls and solid central mass. Quality excellent. **Certified Seed.** $\frac{1}{2}$ oz., 50c; oz., 85c; $\frac{1}{4}$ lb., \$2.85; lb., \$10.00.

John Baer—73 days. Fruit is flattened globe shaped, smooth and evenly colored bright deep scarlet-red; medium large. The vines are vigorous growing and very productive. **Certified Seed.** $\frac{1}{2}$ oz., 40c; oz., 65c; $\frac{1}{4}$ lb., \$2.30; lb., \$8.00.



Looking down on a typical plant of Longred tomato showing how well it sets fruit that is uniform in size and shape.

Longred—72 days. Deep globe shaped fruit, very smooth and uniform in size. Fruit solid, weighing from 6 to 8 oz. Clear apple green before turning bright red all over. Rarely cracks and of high quality. Free setting habit with heaviest pickings during the last three weeks in September. Medium size plant with many branches. Fruit sets at the crown and well out on each branch. Abundant foliage gives good cover. Splendid main crop tomato for market growers and for canners. **Certified Seed.** $\frac{1}{2}$ oz., 50c; oz., 85c; $\frac{1}{4}$ lb., \$2.85; lb., \$10.00.

Ponderosa — 90 days. Very large, flattened, pink skinned fruit, often weighing a pound. Solid, few seeds, mild non-acid flavor. A home garden variety. $\frac{1}{2}$ oz., 50c; oz., 85c; $\frac{1}{4}$ lb., \$2.75; lb., \$9.75.

Red Jacket—70 days. By Prof. Wm. T. Tapley, New York State Experiment Station, Geneva, N. Y. A vigorous vine with heavy "potato leaf" foliage. The fruit is large, slightly flattened, bright, clear scarlet in color and ripens in clusters that may be picked at one time. Many growers who have put in an acreage of Red Jacket are very well pleased with it. On well fertilized land it yields very heavy crops. **Certified Seed.** $\frac{1}{2}$ oz., 50c; oz., 85c; $\frac{1}{4}$ lb., \$2.85; lb., \$10.00.

Red Top—A New Paste Tomato—Especially adapted for canning solid pack, tomato paste, soups, catsup. Plum shaped, 2 to 4 in. long, 1 to $1\frac{1}{2}$ in. through. Very meaty, thin skinned. Ripe fruit inside and out, deep red. Medium early, bearing fruit in clusters on compact plants. Oz., 85c; $\frac{1}{4}$ lb., \$2.65; lb., \$9.00; 10 lbs., \$85.00.

Rutgers, Early Strain — 73 days. Developed by the New Jersey Agricultural Experiment Station. Plant sturdy and vigorous with thick stems and an abundance of foliage which protects the plants from sunscald. Large red heavy tomato with thick outer and inner walls and small seed cavities, producing few seeds. Flesh firm and red. **Certified Seed.** $\frac{1}{2}$ oz., 40c; oz., 65c; $\frac{1}{4}$ lb., \$2.30; lb., \$8.00.

FOREMOST E-21 HYBRID TOMATO

The new F₂ hybrid that has proved so sensational and superior in all trials we have seen, against other hybrids. Growers who have tried this new hybrid or have seen it growing say it has all the desirable qualities, earliness; at least 10 days earlier than Rutgers; size larger than Stokesdale; color deep scarlet red. Resistant to cracking and blossom end scar. The vine is less spreading than Rutgers but the plants are extremely vigorous and tremendously productive. Foremost E-21 is a wonderful New Hybrid Tomato. We urge you to try it on your place. The seed of this hybrid is unusually small. You should get at least 500 plants from a $\frac{1}{2}$ oz. of seed. $\frac{1}{2}$ oz., \$1.00; $\frac{1}{4}$ oz., \$1.75; $\frac{1}{8}$ oz., \$3.00; oz., \$9.00.

Scarlet Topper or Pritchard — 75 days. Medium large, smooth, meaty, very red globe kind, vines erect, self-topping and heavy bearing. Ripens after Earliana and before Marglobe. Flesh firm and thick walled. **Certified Seed.** $\frac{1}{2}$ oz., 40c; oz., 65c; $\frac{1}{4}$ lb., \$2.35; lb., \$8.25.

Stokesdale—70 days. A second early scarlet-fruited variety maturing a week earlier than Marglobe. The plant rather open in habit with medium heavy foliage. Fruits large, globe shaped, solid, smooth and well colored all over. **Certified Seed.** $\frac{1}{2}$ oz., 45c; oz., 75c; $\frac{1}{4}$ lb., \$2.45; lb., \$8.75.

Valiant—66 days. New, early kind with larger and much better fruit than Earliana. Smooth, deep, round, bright scarlet. Very profitable as an early market kind. **Certified Seed.** $\frac{1}{4}$ oz., 25c; $\frac{1}{2}$ oz., 40c; oz., 75c; $\frac{1}{4}$ lb., \$2.45; lb., \$8.75.

Sunray—80 days. Large, smooth, uniformly well formed, deep globe shaped rich yellow fruits, with very thick, orange colored, solid flesh and very attractive juice. Vines are very strong showing and bear abundantly. $\frac{1}{2}$ oz., 50c; oz., 85c; $\frac{1}{4}$ lb., \$2.85; lb., \$10.00.

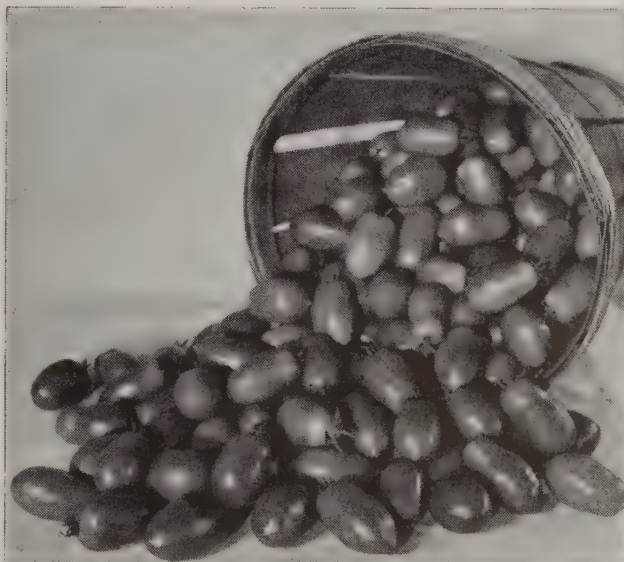
SMALL FRUITED VARIETIES

Red Pear, Yellow Pear, Red Cherry, Yellow Plum. $\frac{1}{4}$ oz., 25c; oz., 80c; $\frac{1}{4}$ lb., \$2.95.

GREENHOUSE FORCING TOMATOES

Comet—For greenhouse and for growing outdoors on stakes, of medium size, bright red, very smooth. Sells well on the market. **Certified Seed.** $\frac{1}{4}$ oz., \$1.10; $\frac{1}{2}$ oz., \$1.90; oz., \$3.50; $\frac{1}{4}$ lb., \$12.00.

Waltham Forcing—From the Mass. State College Agri. Exp. Sta. at Waltham, Mass. Early, heavy bearing tomato for greenhouse growing and outdoor trellis. Fruit round, solid and of medium size and bright red in color. This tomato does not crack and ships very well. Tr. pkg., 75c; $\frac{1}{4}$ oz., \$2.00; oz., \$7.50.



The New Paste Tomato—Red Top.

WATERMELLON

Dixie Queen—85 days. Nearly round, light green striped with darker green, melon often weighing 40 to 50 lbs., thin, tough rind, thick, deep red, crisp, sweet flesh. Very few white seeds. Oz., 30c; ¼ lb., 80c; lb., \$2.45.

Honey Cream—82 days. Large, round, light green, darker green stripes. Creamy yellow flesh of excellent quality. Good for roadside stands. Oz., 50c; ¼ lb., \$1.35; lb., \$4.00.

New Hampshire Midget—Small, "icebox" size 6x7 in. Striped tender rind. Thick flesh, red, sweet, juicy. Ripe 70 days after seed sown. Vigorous, heavy bearing vines. Oz., 45c; ¼ lb., \$1.15; lb., \$3.55; 5 lbs., \$16.25.

Rhode Island Red—New early and productive melon developed by Dr. Desmond Dolan of Rhode Island. Combines the fine flavor of Dixie Queen with the sugar sweetness of Honey Cream. Oval, 8 to 12 lbs. striped fruit with tough rind and pink-red flesh that many times show a trace of yellow color that comes from one of its parents Honey Cream. A splendid melon for the road side stand. Oz., 55c; ¼ lb., \$1.45; lb., \$3.50; 10 lbs., \$32.50.

Green Citron—95 days. Outer flesh is used in preserving. Heavy bearing. Oz., 25c; ¼ lb., 75c; lb., \$2.00.

ROOTS-BULBS-TUBERS-PLANTS

HORSERADISH ROOTS

Maliner Kren—This true Bohemian variety is the standard for making Grated Horseradish and other horseradish condiments. Vigorous growing, it makes large white roots very quickly. We offer cuttings or small roots the proper size for planting. 100 for \$3.00; 250 for \$5.00; 1000 for \$18.50, postpaid.

STRAWBERRY PLANTS

New York state grown and freshly dug plants, carefully sorted, graded and packed. We guarantee our plants to reach you in good condition.

Robinson—A new variety this is rapidly making friends among the market gardeners. An extremely heavy bearer. The fruit is large, bright red and delicious. Good for eating fresh, canning or freezing. Ripens in midseason. 25 plants for \$1.35; 50 for \$2.15; 100 for \$3.45; 250 for \$7.35 postpaid to you. 1000 for \$19.25 not prepaid.

Empire—A new, large, handsome, bright red berry, the work of Dr. Geo. Slate of the Geneva Experiment Station, Geneva, N.Y. Fruit conical in shape, sweet, juicy, fine quality. Plants vigorous growing, abundant bearing. 25 plants for \$1.75; 50 for \$2.50; 100 for \$4.25; 250 for \$8.85, postpaid to you. 1000 plants \$24.75, not prepaid.

Sparkle—New mid-season berry of the highest quality. Ripens a week later than Premier. The vigorous plants are dependable heavy bearers. 25 plants for \$1.35; 50 for \$2.15; 100 for \$3.45; 250 for \$7.35, postpaid to you. 1000 for \$19.25, not prepaid.

Streamliner (New Giant Everbearer)—Has all good qualities: size, shape, color, sweetness. Bears in July and until freezing. Best everbearing kind. 25 plants for \$1.75; 50 for \$2.50; 100 for \$4.25; 250 for \$8.85, postpaid to you. 1000 plants \$24.75, not prepaid.

TURNIP

1 to 1½ pounds per acre in drills, 2 to 2½ pounds broadcast

Golden Ball—60 days. This is the finest yellow fleshed variety for table use. The roots are of medium size, nearly round with orange yellow skin. ¼ lb., 35c; lb., \$1.00; 10 lbs., \$9.50.

Purple Top White Globe (Market Gardener's Strain)—55 days. Standard market and shipping kind. Tops medium large, smooth globe-shaped roots; bright purple-red above, white below. Flesh firm, white, fine grained. ¼ lb., 35c; lb., \$1.00; 10 lbs., \$9.50.

Shogoin Foliage Variety—42 days. Better than Seven Top. Bulbs white, oblong. Tops fresh light green and of top quality. ¼ lb., 35c; lb., \$1.00; 10 lbs., \$9.50.

RUTABAGA

American Purple Top or Improved Long Island—90 days. The most popular kind for market and storage. The roots are very large, globe shaped, smooth, short neck and light yellow in color below the ground, deep purplish red above. Flesh yellow, fine grained, firm and sweet. A very heavy yielder. ¼ lb., 40c; lb., \$1.25; 10 lbs., \$11.50.

GARLIC BULBS

Fancy California White "Long-Keeping Variety"—The bulbs are separated into flakes or cloves and planted like set onions. Lb., 75c; 10 lbs. @ 65c per lb. Prepaid to you.

ASPARAGUS ROOTS

Seneca Washington—A new strain of Washington developed here in New York State from high producing plants of Mary Washington. Seneca Washington is more vigorous than other strains of Washington and just as resistant to disease. The shoots are large in diameter, bright green and have unusually large purple compact tips. Seneca Washington is very rapid growing, makes a larger root quickly and some asparagus may be cut the year following setting of the plants. **Freshly dug one-year-old extra large plants** — 25 plants, \$1.75; 100 plants, \$6.25; prepaid. 500 for \$17.85; 1000 for \$34.50, not prepaid.

ONION SETS

Place your order for sets early and we will ship promptly as soon as the danger of their freezing on the way to you is over.

Ebenezer—The best yellow onion to grow from sets. Bulbs large, flat, have a good tight skin that stays on well, flesh pure white, good quality. This is the best flat onion. Matures fairly early and keeps. 12 to 18 bu. plants an acre. 10 lbs. prepaid \$2.95; bushel 32 lbs., \$5.75; 2 to 10 bu. at \$5.65 bu.; 10 bu. or more at \$5.50. Transportation not paid.

White or Silverskin—The kind that is grown for bunching "Spring Onions" that come on the market very early. Also grown for their medium size, flat, pure white bulbs that mature early and make a fine appearance on the market. 10 lbs., prepaid \$3.10; bushel 32 lbs., \$5.95; 2 to 10 bu. at \$5.85 bu.; 10 bu. or more at \$5.70 bu.

ONION PLANTS

Again this year we offer the same quality Yellow Sweet Spanish onion plants that were so well thought of in past seasons. Set them 4 in. apart in the row and they will make big onions in 10 weeks. Plants tied in bundles of about 100.

Please remember that we buy and sell onion plants by the bundle, not by plant count. We will not be responsible for the actual number of plants per bundle. In Texas they are pulled by the handful and each handful is called a bundle.

Around April 15th is the usual time for shipping early orders out of here and we bring in fresh shipments from Texas every few days until the middle of May. We will try to get your plants to you when you want them but weather and transportation may upset our plans. If you get your plants and cannot set immediately spread the bundles out in a cool, dry place. **Please place your order early.**

Price: 10 bundles for \$3.75; 20 bundles, \$7.25, prepaid to you. Crate of 60 bundles, \$10.75; 5 to 10 crates @ \$10.25 each; 10 crates or more @ \$9.85 per crate, not prepaid.

Krillum

IS A NEW AID TO
PROFESSIONAL GROWERS

Krillum improves soil structure by easily and quickly conditioning soil to a loose, crumbly state. Porous soil increases spreading root growth. The soil "takes" water more quickly, saves watering time. Transplants get a faster growing start. Withstands steam sterilization.

Application Rates

10 lbs. will surface condition 3000 sq. ft. to prevent soil crusting and erosion and increase plant stand. Will treat 1000 sq. ft. to 3 in. deep, 500 sq. ft. to 6 in. depth.
Price — Krillum Loamaker: 10 lbs., \$25.00; 25 lbs., \$58.75.



The New Early Giant Asters

PRINCESS ASTERS Wilt-Resistant Seed

An ideal aster for florists. 3 to 3½ inch flowers on long, wiry stems that hold the flower very erect. The blossoms have a most attractive crested center that remains full when the flower is completely open, surrounded by multiple rows of fluted guard petals. Very good shipping aster. Plant strong growing and very free blooming.

Anne—Peach blossom.
Barbara—Orchid.
Bonnie—Soft salmon pink.
Elizabeth—Pure white.
Goldilocks—Early cream and yellow.
Margaret—Florist rose.
Marsha—Cinnebar scarlet.
Nancy—Salmon pink, gold center.
Susan—True deep blue.
Mixed Colors.

Any of above—Tr. pkg., 40c; ¼ oz., 85c; oz., \$2.85.

FOR OVER 50 YEARS THE NAME VICK HAS BEEN SYNONYMOUS WITH THE BEST ASTER SEED THAT IS GROWN.



Princess Asters make splendid cut-flowers.

WILT-RESISTANT ASTERS

There are about 12,000 seeds in an ounce of Aster

QUEEN OF THE MARKET ASTERS

Wilt-Resistant Seed

We offer a greatly improved strain of these well-known, early flowering Asters. They are of branching habit, about 20 in. tall and bloom early in August. Very useful as a cut flower for early market.

Crimson	Purple	Rose
Light Blue	Shell Pink	White

Ballet Queen—Deep Salmon rose, exceptionally double and extremely wilt resistant.

Mixed Colors.

Any of above—Tr. pkg., 30c; ¼ oz., 60c; oz., \$1.85; ¼ lb., \$6.35.

VICK'S ROYAL ASTERS

Wilt-Resistant Seed

This early flowering Aster blooms after Queen of the Market and 10 days before Late Branching. Similar in form to Vick's Branching.

Azure Blue	Rose	Scarlet
Purple	Shell Pink	White
Mixed Colors		

Tr. pkg., 30c; ¼ oz., 60c; oz., \$1.85; ¼ lb., 6.35.

EARLY GIANT ASTER

Wilt-Resistant

New early blooming Chrysanthemum type with long intertwined petals. Large very double flowers on long, strong stems. Plants 2 ft. tall.

Azure Blue	Crimson	Peach Blossom
Rose Marie, rose	White	

Prices above 5—Tr. pkg., 40c; ¼ oz., 90c; oz., \$3.00.

Mixed Colors—Tr. pkg., 35c; ¼ oz., 85c; oz., \$2.85.

VICK'S BRANCHING ASTERS

Wilt-Resistant Seed

The best known Florist variety, full flowers on tall, strong stems. Vigorous plants 2 to 3 ft. high. This is the variety most florists use who grow seedling plants for sale.

	Tr. Pkg.	¼ Oz.	Oz.
Crimson—Rich, deep	\$.30	\$.65	\$2.25
Heart of France—Red	.30	.65	2.25
Lavender—Dark lavender	.30	.65	2.25
Peerless Pink—Shell pink	.30	.65	2.25
Purple or Dark Blue	.30	.65	2.25
Rose—Bright rose	.30	.65	2.25
White	.30	.65	2.25
Many Colors Mixed	.25	.55	2.00

IMPROVED GIANT CREGO OR ROCHESTER

Wilt-Resistant Seed

Robus plants about 2 feet high. Flowers large double and well-formed, having long, narrow, ribbon-like petals, resembling those of the ragged Chrysanthemum. They bloom at the same time as Vick's Branching Asters.

Crimson	Salmon-rose	Shell Pink
Rose	Lavender	White
Mixed Colors.		

Any of above—Tr. pkg., 30c; ¼ oz., 60c; oz., \$2.15.

BOUQUET ASTER

A new florist's aster, strictly upright growing with all flowers stemming from the main stalk. Growers cut the entire plant as one market bunch. Perfectly formed 3 inch blooms similar to Princess. Bloom at same time as Crego and Vick's Branching.

Coppery Rose	Crimson	Rose Pink
Scarlet	White	Purple

Powderpuffs—Mixed colors.

Any of above—Tr. pkg., 50c; ¼ oz., \$1.50; oz., \$4.50.

New Bouquet Asters pictured in color on the Back Cover of our Retail Catalog. If you don't have a copy, ask for it.

ACROCLINIUM

Double Giant Hybrids—8,500 S.—New very large flowering variety. Good fresh cut flower. Excellent winter flower when dried. Tr. pkg., 20c; ¼ oz., 35c; oz., \$1.00.

AGERATUM

200,000 seeds to the ounce

Blue Bedder—Compact 6 in. plants covered with large deep blue flowers. Tr. pkg., 40c; ½ oz., 95c; ¼ oz., \$1.60; oz., \$5.00.

Blue Perfection—Best dark blue, 10 in. high. Tr. pkg., 20c; ¼ oz., 50c; oz., \$1.65.

Midget Blue—Small bright blue flowers on 6 to 10 in. plants. Tr. pkg., 40c; ½ oz., \$1.00; ¼ oz., \$1.75; oz., \$6.00.

AMARANTHUS

Molten Fire—28,000 S.—Bronze foliage with fiery scarlet tips from mid-summer until frost on 5 ft. plants. ¼ oz., 25c; ¼ oz., 40c; oz., \$1.25.

ANCHUSA

Capensis Blue Bird—1100 S.—An annual, dwarf, compact plant 18 in. high, covered all summer with indigo blue flowers. ¼ oz., 40c; oz., \$1.25.

ALYSSUM

95,000 seeds to the ounce

Carpet of Snow, Procumbens—Pure white. 4 in. tall, spreading. ¼ oz., 30c; oz., 85c; 4 oz., \$3.00.

Little Gem—Compact. 5 in., rounded plant, pure white flowers. ¼ oz., 35c; oz., \$1.00; 4 oz., \$3.00.

Royal Carpet—Top Winter All-America Selections—Plants 3 inches high, 10 inches across, covered with violet purple flowers all season. Tr. pkg., 45c; ¼ oz., \$1.50; oz., \$4.50.

Tetra Snowdrift—Huge snow white flower on 12 in. plants. Tr. pkg., 30c; ¼ oz., 90c; oz., \$2.75.

Violet Queen—New dwarf compact kind covered completely all season with bright violet flowers. ½ oz., 30c; ¼ oz., 50c; oz., \$1.25; 4 oz., \$4.25.

ARCTOTIS

Giant Flowering Hybrids—3500 S.—Large Gerbera like flowers, 2½ in. across in white, red, maroon, russet, etc. 10 in. high. Mixed colors. Tr. pkg., 50c; ¼ oz., \$1.50; oz., \$4.50.

ASPARAGUS

Plumousus Nanus—Fine feathery foliage. 100 seeds, 30c; 250 seeds, 70c; 1,000 seeds, \$2.50; 5,000 seeds, \$9.00.

Sprengerii—100 seeds, 30c; 250 seeds, 70c; 1,000 seeds, \$2.50.



Pacific Beauty Calendulas are resistant to mid-summer heat.

PACIFIC GIANT CALENDULA

3,000 seeds to the ounce

A new family of Calendula, the result of several years' work that has produced a strain with uniformly larger flowers of better form, clearer colors; long and straighter stems and much more resistant to midsummer heat.

Apricot Beauty—Attractive two-toned flower; the best Calendula in the apricot shades.

Cream Beauty—Very delicately colored of cream white shading to soft light yellow.

Lemon Beauty—A pure lemon yellow. The long, wide petals give the flower a much more graceful appearance and the centers are well covered.

Persimmon Beauty—True persimmon-orange flowers of unusual brilliance and size.

Pacific Beauty Blend—A mixture of the four kinds described above.

Any of the above: Tr. pkg., 35c; ¼ oz., 60c; oz., \$1.85.

OTHER CALENDULA

Lemon Queen—Sunflower yellow double flowers, strong plants, good stems. Popular with growers of seedling plants. Tr. pkg., 20c; ¼ oz., 35c; oz., \$1.00; 4 oz., \$3.25.

Orange King—Rich deep orange red, dark center. Tr. pkg., 20c; ¼ oz., 35c; oz., \$1.00; 4 oz., \$3.25.

Mixture of Ordinary Kinds—Eight of the older Calendulas including the two above go into this mixture. Tr. pkg., 20c; ¼ oz., 35c; oz., \$1.00; 4 oz., \$3.25.

BALSAM

Double Camelia-Flowered, Mixed Colors—3200 S.

Brilliant double flowers all summer. 2 ft. high. ¼ oz., 30c; oz., \$1.00.

BELLS OF IRELAND

7000 S.—An old flower that has recently become very popular with florists for flower arrangements. Base branching plants with wiry stems closely set with green, shell-shaped flowers. May be dried for winter bouquets. Easy to grow in the greenhouse or garden. Tr. pkg., 50c; ¼ oz., \$1.65; oz., \$5.00.

CALLIOPSIS

Tall Varieties—90,000 S.—Sparkling, single flowers in shades of cream, yellow, orange and red. 3 ft. tall. ¼ oz., 20c; oz., 65c.

CANDYTUFT

9,500 seeds to the ounce

Giant Hyacinth Flowered Empress—¼ oz., 30c; oz., 90c; ¼ lb., \$2.75.

Umbrellata—Valuable for cutting, especially in the spring.

Carmine	Pink	White	Crimson
Rose Cardinal	Mixed	Lavender	
¼ oz., 25c; oz., 75c; ¼ lb., \$2.65.			

CARNATIONS

CHABAUD'S IMPROVED GIANTS

14,000 S.—This popular long, strong-stemmed variety bearing very fragrant flowers will give an abundance of bloom 5 months after sowing the seed. The flowers are very double and borne on 16 inch stems.

Cardinal Red	Deep Rose	Deep Salmon
Rose Pink	White	Yellow
Mixed		
Tr. pkg., 35c; ¼ oz., 95c; oz., \$3.25.		

Grenadin Carnation—See page 22.

CINERARIA

Cremer's Prize, Improved—6,300 S.—A splendid wilt-resistant kind with large flowers in a wonderful range of color. Plant compact growing with small leaves. Tr. pkg., \$2.00; ¼ oz., \$2.50; ½ oz., \$4.50; ¼ lb., \$8.25.

Sow your seed in Terralite—it makes seed start growing quicker and makes bigger and better plants.

CELOSIA

2,800 seeds to the ounce

Dwarf Empress—A Cristata variety that bears brilliant combs of giant size. Foliage is crimson. Tr. pkg., 25c; ¼ oz., 60c; oz., \$2.25.

Hart & Vick Blend—A mixture of colors in the dwarf, comb type of Celosia, 8 to 10 in. high. Tr. pkg., 25c; ¼ oz., 60c; oz., \$2.25.

Thompson's Magnifica—Long brilliantly colored and feathered plumes of flowers on strong, 2 ft. stems. Splendid for cutting. Tr. pkg., 30c; ¼ oz., 60c; oz., \$2.00.

Giant Pampas Plume—Huge feathered plumes in a mixture of colors containing bronze, copper, gold and sunset colors. Very long stems make this a most desirable cutflower. Tr. pkg., 35c; ¼ oz., 75c; oz., \$2.50.

CHRYSANTHEMUM

9,000 seeds to the ounce

Annual Chrysanthemums or Painted Daisies bloom from early summer until late fall. Make a splendid cut-flower.

Carinatum fl. pl., Choicest Mixture—Large very double flowers in a wide range of color. Splendid cut flowers for florists. Tr. pkg., 25c; ¼ oz., 40c; oz., \$1.25.

Merry Mixture—Large single daisy like, long petaled flowers on long, strong stems. Gay colors, zoned and ringed with contrasting colors. An easily grown catch crop. Tr. pkg., 25c; ¼ oz., 40c; oz., \$1.25.

CLARKIA

Giant Double-Flowering, Mixed Colors—90,000 S.—Very popular for growing both indoors and out as a cut flower. Grow in poor soil and keep on the dry side. Tr. pkg., 30c; ¼ oz., 50c; oz., \$1.45.

COLEUS

100,000 seeds to the ounce

Rainbow Mixture—Unexcelled for the form and coloring of its large leaves. Tr. pkg., 60c; ½ oz., \$1.50; ¼ lb., \$2.50; ¼ oz., \$7.00.

CENTAUREA

CYANUS—CORNFLOWER

6,500 seeds to the ounce

A new and greatly improved strain for the florist trade with blooms twice the size of the old Bachelor Button, very double, full petaled, brilliant colors, long, strong stems.

Blue Boy—Rich intense blue, very double.

Pinkie—Rich clear rose, double, long stemmed.

Red Boy—Deep red. Growing very popular.

Snow Man—Pure white. No dark markings.

Mixed—All colors.

Tr. pkg., 20c; ½ oz., 30c; oz., 50c; ¼ lb., \$1.65; lb., \$5.50.

CLEOME

Giant Pink Queen, Silver Medal Winner 1942—12,500 S.—Huge trusses of salmon pink flowers on stems 3 ft. high. Plant it in large clumps or a double row for a hedge. This is strictly an outdoor flower. It does not hold up at all when cut. Tr. pkg., 40c; ¼ oz., 65c; oz., \$2.00.

COSMOS

5,000 seeds to the ounce

Sensation—A new very large single flowering kind with flowers on compact plants 5 ft. high. By far the best single flowering kind.

Pink Lady—Bright pink.

Dazzler—Crimson.

White King—Pure white.

Radiance—Rosy red crimson disc.

Any of above—Tr. pkg., 20c; ¼ oz., 40c; oz., \$1.25.

Mixed Colors—Tr. pkg., 15c; ¼ oz., 35c; oz., \$1.15.

Early Double Crested—A crest of fine petals surrounded by a row of broad overlapping petals. Blooms from July to frost. **Mixed Colors**. Tr. pkg., 35c; ¼ oz., 75c; oz., \$2.45.

Fiesta Silver Medal 1952 All-America—A new color in Cosmos, scarlet and yellow. Early blooming, easy to grow. Plants 2½ ft. tall and bloom all summer. Grow a good supply of seedling plants, your customers are going to ask for it. Tr. pkg., 35c; ¼ oz., 85c; oz., \$3.00.

CYNOGLOSSIUM

Firmament—5000 S.—New Chinese Forget-Me-Not grows 1 ft. high and will flower either outdoors or under glass. ½ oz., 25c; ¼ oz., 40c; oz., \$1.35.

IMPERIALIS—SWEET SULTAN

7,500 seeds to the ounce

These Sweet Sultans are best for cutting purposes. Large, fluffy, thistle-like blooms 2½ in. in diameter on very tall, strong stems. We offer a mixture of colors: red, lavender, purple, rose and white. **In mixture only**—Tr. pkg., 20c; ¼ oz., 30c; oz., \$1.00.

A LOW-GROWING CENTAUREA

Jubilee Gem—Low growing, compact plant covered with medium size, bright blue flowers. Very popular. ½ oz., 20c; ¼ oz., 35c; oz., \$1.00.

DAHLIAS FROM SEED

2,800 seeds to the ounce

Coltless Hybrids—Sturdy 18-inch plants covered with charming single flowers in many brilliant colors. Tr. pkg., 35c; ¼ oz., 85c; oz., \$2.75.

Unwin's Dwarf Hybrid—Miniature single, semi-double and double flowers in a brilliant array of colors. Grows 20 inches high, starts blooming early in August and continues until frost. Splendid for cutting. Tr. pkg., 35c; ¼ oz., 85c; oz., \$2.75.

DIANTHUS

2,800 seeds to the ounce

Double Gaiety—Double flowers with colors from delicate pink to the deepest crimson. Tr. pkg., 35c; ¼ oz., 75c; oz., \$2.50.

Single Gaiety—Largest flowers of all annual Pinks. Deeply fringed edges. Most brilliant colors. Tr. pkg., 35c; ¼ oz., 75c; oz., \$2.50.

Sweet Wivelsfield—Have the thrifty growth of Sweet William, and flowers the brilliancy of Japanese Pinks. Single flowers in mixed colors. Tr. pkg., 20c; ¼ oz., 40c; 1 oz., \$1.25.

DIMORPHOTHECA

Aurantiaca Hybrids—9500 S.—Single daisy-like flowers in white, yellow, buff and orange shades on 10 inch plants. Good for rock gardens, edging and cutting. Tr. pkg., 40c; ¼ oz., \$1.00; oz., \$3.25.

DRACENA

1500 S.—Often called "Spikes." Useful as center plants in baskets, window boxes, etc. Rub the hull from the seed before planting.

Indivisa—Tr. pkg., 20c; oz., 55c; ¼ lb., \$1.65.

EUPHORBIA

Variegata—2500 S.—Snow on the Mountain. Light green leaves edged with white. Grows about 2½ ft. high. ¼ oz., 20c; oz., 60c; ¼ lb., \$2.25.

FUCHSIAS FROM SEED

Bodger's Superlative Mixture made from crosses between plants having American Fuchsia Society "A" or "B" ratings only, including pastels. This tall, upright, compact base branching type is the best, we believe, for outdoor growing. Trial package of about 100 seeds, \$1.50; 2 Tr. pkgs. for \$2.75.

GAILLARDIA

Gaiety Blend—14,000 S.—Full double flowers in all the Gaillardia shades and colors, orange, yellow, red and rose. Tr. pkg., 35c; ¼ oz., 75c; oz., \$2.35.

GERANIUM

Zonale—8000 S.—Giant flowers in many beautiful colors, white, rose, pink, salmon, scarlet, crimson. Tr. pkg., 50c.

GODETIA

95,000 seeds to the ounce

Duke of York—Single flowers of carmine and white. Tr. pkg., 25c; ¼ oz., 55c; oz., \$1.85.

Tall Double Mixed—Tr. pkg., 15c; ¼ oz., 30c; oz., \$1.00.

Dwarf Double Mixed Colors—Tr. pkg., 25c; ¼ oz., 60c; oz., \$2.00.

GOMPHRENA

Globosa—5500 S.—Similar to red clover. One of the "Everlastings." ¼ oz., 35c; oz., \$1.25.

GOURDS

Small Fruiting Kinds, Mixed—450 S.—A splendid strain we've had grown for us for many years. In it you will find some 30 varieties, both warted and smooth. ¼ oz., 30c; oz., 75c.

GYPSOPHILA

Covent Garden Market Reselected—24,000 S.—A greatly improved, large, full-petaled, pure white flowering strain, unsurpassed as to size, form and texture, and pureness of color of its flowers. We can confidently recommend this seed to particular growers, everywhere. They will find it unexcelled. Oz., 30c; ¼ lb., 85c; lb., \$2.45; 5 lbs., \$10.00.

HELIANTHUS

Sungold—650 S.—Rich, golden yellow very double flowers, 3 inches in diameter on long strong stems. Grows about 4 ft. high and if kept pinched back will produce quantities of bloom. Good cut-flower. Tr. pkg., 20c; ¼ oz., 35c; oz., \$1.15.

HELICHRYSUM

36,000 S.—Double, daisy like flowers in many brilliant colors. Grows about 2 ft. high. The most popular "strawflower." Mixed colors. Tr. pkg., 25c; ¼ oz., 40c; oz., \$1.35.

HELIOTROPE

Lemoines Giant Mixture—50,000 S.—Blooms in 4 months from sowing the seed and grows 24 inches tall. Tr. pkg., 35c; ¼ oz., 85c; oz., \$2.75.

LOBELIA

Crystal Palace Compact—700,000 S.—Dark blue, dark foliage. Small, compact, 6 inch high plant. Tr. pkg., 30c; ¼ oz., 90c; oz., \$3.25.



Giant Imperial Larkspur

LUPINES

King Lupin—1200 seeds to the ounce. Base branching and have four to six long spikes to the plant. Longer stems and earlier blooming than the older type. **Dark Blue, Sky Blue, White, Heliotrope, Mixed.** Tr. pkg., 15c; ¼ oz., 30c; oz., \$1.00; 4 oz., \$3.00.

REGAL LARKSPUR

8,000 seeds to the ounce

A New Annual Larkspur that has the same desirable height and base branching habit of the Giant Imperials, but has Delphinium-like florets on long, thick spikes. The plant is vigorous growing and blossoms early.

- | | |
|---|--------------------------------------|
| Regal Dark Blue —Deep violet blue. | Regal Pink —Pink on salmon. |
| Regal Light Blue —Finest mid-blue. | Regal Rose —Rich rose. |
| Regal Lilac —Fine clear lilac. | Regal Salmon Rose —Very good. |
| Regal Mixed Colors —Carefully blended. | Regal White —Pure white. |

Prices of above: Tr. pkg., 30c; ¼ oz., 50c; oz., \$1.65; 4 oz., \$5.75; lb., \$20.

IMPERIAL LARKSPUR

8,000 seeds to the ounce

Giant Imperial Type—The tall, upright, compact, base branching habit of this class is popular with florists. Tall spikes of double flowers on 4 ft. stems on compact plants require less space than older kinds.

- | | |
|---|---|
| Blue Bell —Light azure blue. | Exquisite Pink Imp. —Soft pink. |
| Blue Spire —Deep violet blue. | Lilac King —Rich lilac double flowers. |
| Carmine King —Deep carmine rose. | White King —Best clear white. |

Giant Imperial Mixed Colors.

Prices of above: Tr. pkg., 25c; ¼ oz., 45c; oz., \$1.45; 4 oz., \$5.00; lb., \$17.50.



Tall Branching All-Double Marigold.

Large Flowered Odorless Mixed—This is a pleasing blend of autumn colors made from carnation and chrysanthemum flowered odorless kinds. Tr. pkg., 30c; ¼ oz., 55c; oz., \$1.75; ¼ lb., \$6.00.

MARIGOLDS

TALL KINDS FOR CUTTING

10,000 seeds to an ounce

All Double Orange—Splendid tall branching kind bearing giant 100 per cent double quilled type flowers. Rich, clear orange blooms on tall, strong stems.

All Double Yellow—Lemon yellow, very double flower.

All Double Mixture—A blend of the two above colors.

Any of above—Tr. pkg., 30c; ¼ oz., 55c; oz., \$1.75; ¼ lb., \$6.00.

Carnation Flowered Guinea Gold—Grows 2½ ft. high and bears semi-double carnation-like brilliant orange flowers 2½ inches in diameter. Tr. pkg., 30c; ¼ oz., 55c; oz., \$1.75; ¼ lb., \$6.00.

Carnation Flowered Yellow Supreme—Large, fragrant, frilled creamy yellow flowers, long stemmed, 2 ft. high. Tr. pkg., 30c; ¼ oz., 55c; oz., \$1.75; ¼ lb., \$6.00.

Frills—Large carnation flowered golden orange petals frilled and waved. 2 ft. high. Odorless. Tr. pkg., 30c; ¼ oz., 55c; oz., \$1.75; ¼ lb., \$6.00.

Happiness—Chrysanthemum-like golden yellow produced early and throughout the summer on 18 in. plants. Tr. pkg., 40c; ¼ oz., 80c; oz., \$2.50.

Mission Giant Goldsmith—All America Bronze Medal. Giant Chrysanthemum-flowered golden orange. Long stems. Grows 18 inches tall. Tr. pkg., 35c; ¼ oz., 75c; oz., \$2.50.

Mammoth Mum—A splendid cut-flower. Blossoms are light yellow, full crested chrysanthemum flowered 3½ to 4 inches in diameter. Long strong stems. A good cut-flower or to grow as seedlings in flats for the garden trade. Tr. pkg., 40c; ¼ oz., 85c; oz., \$3.00; ¼ lb., \$11.00.

Mission Giant Yellowstone—Bronze Medal Winner. Like Goldsmith but with golden yellow flowers. Tr. pkg., 35c; ¼ oz., 75c; oz., \$2.50.

Sunset Giants—Giant sweet scented flowers, ranging from primrose to deep gold; double, tall and upright growing. Tr. pkg., 30c; ¼ oz., 55c; oz., \$1.75; 4 oz., \$6.00.

LOW GROWING FRENCH MARIGOLDS

9,000 seeds to an ounce

Grow About 12 Inches High

Color Magic—Double 1½ inch flowers in rich shades of yellow and orange irregularly marked red. 10 in. high. Tr. pkg., 35c; ¼ oz., \$1.00; oz., \$3.00.

Early Harmony—Very early, all double, large, very brilliant flowers, golden yellow with rich maroon border, on 10 in. plants. Tr. pkg., 25c; ¼ oz., 50c; oz., \$1.65; 4 oz., \$5.75.

Eldorado—A live, pleasing canary yellow slightly deeper toward the center of the flower. Blooms 1½ in. across; closely set on rounded 10 in. high plants. Tr. pkg., 25c; ¼ oz., 50c; oz., \$1.75; 4 oz., \$6.00.

Melody—Very double 2 in. brilliant orange flowers on compact rounded plants 10 in. tall. Tr. pkg., 25c; ¼ oz., 50c; oz., \$1.75; 4 oz., \$6.00.

Monarch Mixture—The very best mixture of double-flowering, low-growing, French-type Marigolds. Tr. pkg., 30c; ¼ oz., 55c; oz., \$2.00.

MIGNONETTE

27,000 seeds to an ounce

Allen's Defiance—Tr. pkg., 25c; ¼ oz., 40c.

MORNING GLORY

650 seeds to the ounce

Blue Star—New. A distinct shade of clear sky blue accentuated by the five deeper blue mid-ribs to form an attractive star. Tr. pkg., 25c; ¼ oz., 40c; oz., \$1.25.

Darling—New early blooming wine-red flower with a white throat. Much brighter and more attractive than Scarlett O'Hara. Tr. pkg., 25c; ¼ oz., 40c; oz., \$1.25.

Heavenly Blue—Clark's Mammoth Early Flowering Strain. ¼ oz., 20c; oz., 75c; 4 oz., \$2.35.

Pearly Gates—White. ¼ oz., 40c; oz., \$1.25.

Scarlett O'Hara—¼ oz., 40c; oz., \$1.25.

NICOTIANA

50,000 seeds in an ounce

Affinis—White flowering, sweet scented tobacco. 36 inches. ¼ oz., 45c; oz., \$1.35.

Crimson Bedder—Carmines crimson, sweet scented flowers. Grows about 20 in. high. Tr. pkg., 35c; ¼ oz., 60c; oz., \$2.00.

Daylight Sensation Mixture—Blooms in the daytime. Large brilliant flowers on 3 ft. plants. Tr. pkg., 45c; ¼ oz., \$1.00; oz., \$3.25.

Very Low Growing

Butterball (Miniature)—Flowers of medium size with a center crest and guard petals of golden yellow faintly tipped with maroon. Tr. pkg., 30c; ¼ oz., 55c; oz., \$2.00.

Sunkist—Rich orange very double flowers early in the season on 12 inch plants. Tr. pkg., 30c; ¼ oz., 55c; oz., \$1.85; 4 oz., \$6.25.

Yellow Pygmy (Miniature)—Compact 8 inch high, double, miniature blooms, creamy yellow. Pot plant. Tr. pkg., 30c; ¼ oz., 55c; oz., \$1.85.

Gem Mixture—A blend of the above miniatures and many others of the same type. Tr. pkg., 25c; ¼ oz., 50c; oz., \$1.75; 4 oz., \$6.00.

Spry (Miniature)—Double light orange crested flowers with maroon outer petals, 8 in. high. Tr. pkg., 30c; ¼ oz., 55c; oz., \$1.85; 4 oz., \$6.25.

NIEREMBERGIA

Purple Robe—5500 S.—Compact 15 in. plant covered with deep violet-purple, five petalled, single flowers. Splendid for bedding. Tr. pkg., 50c; ½ oz., \$1.75; 1 lb., \$3.25.

PHLOX DRUMMONDI

14,000 seeds in an ounce

Giant Flowering Phlox—Large flowers and stronger plants than other kinds.

Mellow Moon—Soft yellow.

Red Glory—Brilliant red, creamy eye.

Rosy Morn—Rose pink, white eye.

Salmon Glory—Salmon, creamy eye.

Tr. pkg., 40c; ¼ oz., \$1.00; oz., \$3.25.

Large Flowering Mixture of Colors—Brilliant and popular bedding plant, 15 to 18 inches tall; in bloom from early summer until frost. Tr. pkg., 25c; ¼ oz., 60c; oz., \$2.00.

Dwarf Mixed Colors—Low growing 8 in. plants. Tr. pkg., 30c; ¼ oz., \$1.00; oz., \$3.00.

Starred and Fringed—Brilliantly colored flowers with fringed and pointed petals, many artistically starred with a sharply contrasting color. Grow 1 ft. high. In all color mixture. Tr. pkg., 30c; ¼ oz., 75c; oz., \$2.45.

Single Flowering

Flash—Single flowers of medium size ranging in color from vivid red through bronze with a scattering of yellow blooms. Much more vivid colors in cool weather. Blooms profusely on 18 in. plants. Tr. pkg., 25c; ¼ oz., 50c; oz., \$1.75.

Naughty Marietta—Quantities of single, golden yellow flowers, each petal marked with mahogany at the base. Plant vigorous, branching and semi-dwarf. Splendid cut-flower and bedding kind. Tr. pkg., 25c; ¼ oz., 50c; oz., \$1.75.

Spanish Flag—Single flowers in many shades of yellow, cream, orange and red. Very brilliant mixture. 12 in. plants. Tr. pkg., 25c; ¼ oz., 50c; oz., \$1.75.

SCOTCH MARIGOLD

Gnome (Little Giant Improved)—Uniformly dwarf plants covered with bright orange, single flowers, very early. Fern-like foliage. Tr. pkg., 25c; ¼ oz., 50c; oz., \$1.65; ¼ lb., \$5.75.

PANSIES

About 25,000 seeds in an ounce

H. & V. Giant Exhibition Mixture—Giant flowers of good substance on long, strong stems. A very wonderful range of color. Tr. pkg., 50c; ¼ oz., \$2.15; oz., \$7.50.

Butterfly Hybrids—Ruffled 3 inch flowers in orchid, terra cotta and apricot shades. Strong growing plants. Tr. pkg., \$1.25; ¼ oz., \$3.35; ¼ oz., \$5.60; ½ oz., \$9.75; oz., \$17.75.

Swiss Giant Mixture—Giant flowers often 3 inches across, perfectly round and with overlapping petals, long strong stems. You will find many rich red, bronze and copper flowers in this Swiss mixture. The plants are compact and most of the blooms are waved, giving them the appearance of being double. As fine a pansy as there is in the country. Tr. pkg., 75c; ½ oz., \$1.50; ¼ oz., \$2.75; oz., \$10.00.

PORTULACA

280,000 seeds in an ounce

Single Flowering Mixed Colors—Popular, low-growing bedding plant particularly adapted to dry, sunny locations. Tr. pkg., 25c; ½ oz., 45c; ¼ oz., 75c; oz., \$2.35.

Double Flowering Mixed Colors—Small, very double flowers like miniature roses. Many brilliant colors. Tr. pkg., 35c; ½ oz., 75c; ¼ oz., \$1.25; oz., \$3.65.

WAVED AND RUFFLED PETUNIAS

There are about 250,000 seeds in an ounce

Elk's Pride Dwarf — Rich velvety purple ruffled flowers on sturdy low-growing plants. We believe this to be the very best of all purple petunias. Tr. pkg., 75c; $\frac{1}{4}$ oz., \$1.50; $\frac{1}{2}$ oz., \$2.65; $\frac{1}{8}$ oz., \$4.75.

Flaming Velvet, Giant Type — Mahogany red waved flowers. Plant rather compact. Grows 15 inches high. Tr. pkg., 75c; $\frac{1}{4}$ oz., \$1.50; $\frac{1}{2}$ oz., \$2.65; $\frac{1}{8}$ oz., \$4.75.

Paramount Giants—A full mixture of colors in the giant ruffled superbissima, which is the largest flowered of all petunias. Giant blooms with wide open trumpets in rich clear colors, purple, deep rose, burgundy, with wonderfully veined and feathered throats. $\frac{1}{2}$ tr. pkg., 50c; tr. pkg., 85c; $\frac{1}{8}$ oz., \$1.65; $\frac{1}{2}$ oz., \$3.00.

Popcorn—Glistening white, large waved petaled flowers of good substance on low-growing, compact, upright plants. A splendid kind for pot growing or for out door growing in the garden. $\frac{1}{2}$ Tr. pkg., \$1.00; tr. pkg., \$1.75; $\frac{1}{4}$ oz., \$3.30; $\frac{1}{2}$ oz., \$6.00; $\frac{1}{8}$ oz., \$11.00.

Ruffled Giant Mixture—This is a blend of the very large flowering, Grandiflora type petunias. The giant waved and ruffled flowers in solid colors ranging from delicate pink, through rose, red, purple, violet and pure white. The plant is strong growing and very free-flowering. $\frac{1}{2}$ tr. pkg., 50c; tr. pkg., 85c; $\frac{1}{4}$ oz., \$1.65; $\frac{1}{2}$ oz., \$3.00.

Snowstorm Improved—Pure white waved petaled flowers often 4 inches across. Plant grows 18 inches tall. A great favorite with gardeners. Tr. pkg., 75c; $\frac{1}{4}$ oz., \$1.50; $\frac{1}{2}$ oz., \$2.65.



Ballerina is one of the best of the new hybrid petunias.

THREE PAN-AMERICAN F-1 HYBRIDS

Ballerina — Honorable Mention. All-America Awards 1952 — Ruffled and fringed petals, soft glowing salmon blooms $3\frac{1}{2}$ to 4 in. across are borne freely, very early, on dwarf uniformly compact vigorous plants. Make splendid Easter pot plants. $\frac{1}{2}$ tr. pkg., \$1.35; tr. pkg., \$2.50; $\frac{1}{4}$ oz., \$8.00; $\frac{1}{8}$ oz., \$15.50.

Comanche—Bronze Medal Winner 1953—Scarlet red plain edge flowers $2\frac{1}{2}$ to $2\frac{3}{4}$ in. across on vigorous and erect growing 15 inch plants. Probably the finest red petunia ever introduced. Splendid for bedding, pots, boxes. $\frac{1}{2}$ tr. pkg., \$1.00; tr. pkg., \$1.75; $\frac{1}{2}$ oz., \$3.50; $\frac{1}{4}$ oz., \$6.50; $\frac{1}{8}$ oz., \$11.70.

Tango — Deep scarlet salmon. The brightest color in petunias. Thrifty, vigorous, low, compact plants. Good for garden and especially good for pots. $\frac{1}{2}$ tr. pkg., \$1.35; tr. pkg., \$2.50; $\frac{1}{4}$ oz., \$8.00; $\frac{1}{8}$ oz., \$15.50.

GLORIOUS ALL-DOUBLE MIXTURE

One of the very best strains of double flowering petunia available in this country. The flowers are large and the plants of sturdy growth. Double petunias require careful culture — remember that the smaller crumpled seedlings make plants that produce the finest double flowers. In originator's package of $\frac{1}{2}$ tr. pkg., \$2.00; tr. pkg., \$3.50.



We offer you a very choice stock of Paramount Giant Petunia Seed.

PLAIN EDGE PETUNIAS

These are the most popular petunias, making attractive beds and borders. Great numbers are sold in flats as seedling plants.

Blue Bedder Improved—Jersey Gem blue. Tr. pkg., 45c; $\frac{1}{8}$ oz., 90c; $\frac{1}{4}$ oz., \$1.70; oz., \$5.00.

Celestial Rose, Improved—A greatly improved strain of this rich deep rose. Compact growing variety. Tr. pkg., 45c; $\frac{1}{8}$ oz., \$1.15; $\frac{1}{4}$ oz., \$1.85; oz., \$5.75.

Fire Chief—Go'd Medal Winner 1950—Brilliant scarlet red, an entirely new color in this class. Plant sturdy, compact, low growing. Blooms from early summer until frost. Tr. pkg., 50c; $\frac{1}{8}$ oz., \$1.55; $\frac{1}{4}$ oz., \$2.75; $\frac{1}{2}$ oz., \$4.50.

Glow—Bright rosy-red flowers, covering low-growing, compact plants. 12 to 14 in. high. Tr. pkg., 40c; $\frac{1}{8}$ oz., \$1.25; $\frac{1}{4}$ oz., \$2.25; $\frac{1}{2}$ oz., \$4.00; oz., \$11.85.

Heavenly Blue—The best silvery blue petunia. This greatly improved strain produces blooms that run nearly 100% true to color. Plants stockier, very free blooming. Tr. pkg., 45c; $\frac{1}{8}$ oz., \$1.15; $\frac{1}{4}$ oz., \$1.85; oz., \$5.75.

Howards Star Improved—Velvety purple flowers with a white star on tall, very strong growing plants. Tr. pkg., 40c; $\frac{1}{8}$ oz., \$1.10; $\frac{1}{4}$ oz., \$1.85.

Lipstick—Growing $2\frac{1}{2}$ inch flowers of carmine rose overlaid with salmon. Plants compact 12 to 14 in. Early and very free flowering all summer. Tr. pkg., 50c; $\frac{1}{8}$ oz., \$1.55; $\frac{1}{4}$ oz., \$2.75; $\frac{1}{2}$ oz., \$4.50.

Rosy Morn Improved—Bright rose pink, medium size flowers with a decided white throat. Tr. pkg., 35c; $\frac{1}{8}$ oz., 90c; $\frac{1}{4}$ oz., \$1.55; oz., \$4.75.

Snowball Improved—A great improvement on the older popular Snowball. Pure white, very large 3 inch across round flowers covering compact plants that retain their shape all season. Tr. pkg., 45c; $\frac{1}{8}$ oz., \$1.20; $\frac{1}{4}$ oz., \$2.15; 1 oz., \$6.45.

Bedding Mixed Petunias—As fine a blend of color in low growing petunias as you will find anywhere. It is the result of many years of trials, blending colors to get the most pleasing effect. Your customers who buy seedling plants from you will be delighted with it. Tr. pkg., 30c; $\frac{1}{8}$ oz., 60c; $\frac{1}{4}$ oz., \$1.00; oz., \$3.25.

BALCONY OR TRAILING PETUNIAS

This is the kind to grow for porch and window boxes also for hanging baskets and garden urns.

Purple	Rose	Deep Blue	White	Mixed
Any of above—Tr. pkg., 35c; $\frac{1}{8}$ oz., 75c; $\frac{1}{4}$ oz., \$1.35.				

ANNUAL SCABIOSA

4,500 seeds in an ounce

A splendid cut flower for the florist. Flowers about 2 inches in diameter, very double, brilliant colors, strong, long, wiry stems. We offer here a particularly fine strain of seed of annual varieties selected for commercial growing.

Black Knight—Almost black.

Rosette—Deep rose suffused salmon.

Loveliness—Salmon rose.

Shasta—Giant pure white.

Oxford Blue—Best deep blue.

Mixed Colors.

Any of the above—Tr. pkg., 25c; $\frac{1}{4}$ oz., 40c; oz., \$1.25.



Giant Flowering Tall Stemmed Snapdragon.

SALVIA

12,000 seeds in an ounce

Blaze of Fire—Early-blooming from mid July until frost. Grows 12 in. tall. Tr. pkg., 85c; ¼ oz., \$2.25; ½ oz., \$3.85; oz., \$7.25.

Firebrand—Next in earliness. Closely follows Blaze of Fire and remains in bloom all season. Grows 16 inches tall. Tr. pkg., 60c; ¼ oz., \$1.10; ½ oz., \$1.85; oz., \$5.75.

America—A little later to bloom, following Firebrand. Late August until hard frost. Grows 24 inches tall. Tr. pkg., 60c; ¼ oz., \$1.10; ½ oz., \$1.85; oz., \$5.75.

SALPIGLOSSIS

Emperor—125,000 S.—Trumpet shaped flowers in solid colors striped with gold and silver. Plants grow 3 ft. tall. Make excellent cut flowers. Mixture of colors. Tr. pkg., 20c; ¼ oz., 40c; oz., \$1.20.

SCHIZANTHUS

Giant Flowering Hybrids—60,000 S.—An extra large flowered, compact growing strain for greenhouse growing. Very carefully blended mixture of colors. Tr. pkg., 35c; ¼ oz., 85c; ½ oz., \$1.45.

SOLANUM

Christmas Cherry—12,000 S.—Hlavecek's Masterpiece. A very uniform compact growing strain with rich, deep green foliage and prominently displayed, large, brilliant red fruit. Tr. pkg., 35c; ¼ oz., \$1.00; oz., \$3.25.

STATICE

Sinuata—The annual kind that can be cut and dried for winter bouquets.

Kampf's Blue—Best long stemmed blue.

Market Rose—Best deep rose.

Snowwitch—Long stemmed pure white.

Mixed Colors—Very good mixture.

Prices of above—Tr. pkg., 20c; oz., 50c; 4 oz., \$1.75.

TITHONIA

Torch—3,500 S.—All-America Silver Medal 1951. Quick growing annual, thrives in hot weather, easy to grow as a zinnia. Brilliant orange-scarlet flowers resembling single Dahlia. Long strong stems on 4 ft. high plant. Blooms August until frost. Tr. pkg., 50c; ¼ oz., \$1.30; oz., \$4.25.

ANNUAL WALLFLOWER

Early Wonder—We offer a greatly improved double-flowering annual kind that blooms from seed in 90 days. The colors include canary and golden yellow, brown, russet, and mahogany. Height 12 to 18 inches. Tr. pkg., 50c; ¼ oz., 95c; ½ oz., \$1.65.

GARDEN SNAPDRAGONS

200,000 seeds in an ounce

These giant flowering, rust-resisting kinds are best for general garden use. Plants are robust and grow about 2 feet tall. For plant sales out of flats sow the seed about March 1st.

Apple Blossom—Rosy pink, white tube.

Campfire—Luminous scarlet.

Orange Shades—Orange, apricot.

Rosalie—Deep rose.

Shasta—Pure white.

Yellow Giant—Canary yellow.

Blend of above colors—All the above colors in a mixture.

Prices of Above—Tr. pkg., 35c; ¼ oz., 65c; ½ oz., \$1.00; oz., \$3.25

Colossal Snapdragon—This strain has proven itself in trial grounds and in gardens, to stand up particularly well under our conditions here in the northeast. The husky plants bloom early and continuously and send up long spikes of flowers in white, pink, orchid, orange, crimson, and yellow. We offer mixed colors. Tr. pkg., 40c; ¼ oz., 90c; ½ oz., \$1.75; oz., \$5.00.

Tetraploid Snapdragons—This race of snapdragons has larger cells with double the ordinary number of Chromosomes. Because of these larger cells the spikes are more full, with larger, thicker, ruffled florets, more desirable foliage and heavier stems. Wide color range. Not rust-resistant. **Mixed Colors**—Tr. pkg., 50c; ¼ oz., 80c; oz., \$1.25; ½ oz., \$2.35.

Magic Carpet—Very attractive blend of soft pastel shades. Plants 8 inches high and are splendid for bedding and for rock gardens. Tr. pkg., 25c; ¼ oz., 45c; ½ oz., 75c; oz., \$2.85.

STOCK

16,000 seeds in an ounce

GIANT IMPERIAL

Branching plants, 2 ft. high, large flowers and long stems. Early blooming and produces a large percentage of double flowers.

Mixed Colors—Tr. pkg., 40c; ¼ oz., \$1.25; oz., \$4.00.

TEN WEEKS

Early, compact growing, best for the garden. This is the best kind to grow in flats or pots as seedlings to sell amateur gardeners.

Blood Red	Deep Rose	Pansy Violet
Bright Pink	Golden Yellow	White
Deep Cream	Lavender	Mixed

Any of above—Tr. pkg., 30c; ¼ oz., 75c; oz., \$2.25.

VERBENA

BUSH TYPE VERBENAS

Uniformly dwarf, upright, vigorous plants. Flowers are carried well above the foliage, making it a very showy and most attractive bedding plant.

Firelight—Vivid solid red.

Roselight—Rose pink, white eye.

Salmon Queen—Pinkish salmon.

Snow White—Snowy white.

Starlight—Bright blue, white eye.

Mixed Colors.

Any of above—Tr. pkg., 40c; ¼ oz., 60c; ½ oz., 95c; oz., \$3.25.

Giant Flowering Verbenas A choice new strain, vigorous growing. The flowers are twice the size of the ordinary, old-fashioned, trailing verbenas, and much more abundant. **Mixed Colors.** Tr. pkg., 35c; ¼ oz., 85c; oz., \$2.85.

SWEET PEAS

350 seeds in an ounce

EARLY FLOWERING FOR GROWING UNDER GLASS

Amethyst—Royal purple.

Ball Rose Improved—Cerule pink, cream ground.

Coquette—Coral pink and amber.

Daphne—Soft salmon pink.

Florist's Blue—Best clear blue.

Hope—Pure white. White seeded.

Laddie Improved—Rich rose.

Tops—Delicate rose pink.

Treasure Island—Golden orange.

Twilight—Giant lavender.

Prices of Early Flowering Sweet Peas—Named Varieties—Oz., 55c; ¼ lb., \$1.65; lb., \$6.00.

Early Flowering Mixture of Colors—Oz., 45c; ¼ lb., \$1.45; lb., \$5.25.

NEW CUTHBERTSON SPRING FLOWERING PEAS

A new heat resisting, very vigorous, long stemmed giant flowering kind. Very productive both under glass and out of doors. Sow seed in greenhouse from October to February.

Coline—Long stemmed scarlet.

Evelyn—Clear salmon pink.

Frank G.—Clear lavender.

Janet—Pure white—black seeds.

Kenneth—Rich crimson.

Liza—Maroon.

Lois—Rose pink.

Tommy—Silver blue.

Mixed Colors.

Any of above—Oz., 40c; ¼ lb., \$1.40; oz., \$5.00.

SUMMER FLOWERING SWEET PEAS

Black Diamond—Dark maroon.

Flagship—Clear blue.

Gigantic—Large white, black seeded.

Highlander—Pure lavender.

Pinkie—Rose pink.

Mollie—Cerule and orange.

Pirate Gold—Golden orange.

Royal Purple.

Sunkist—Cream edged rose.

Any of above—Oz., 35c; ¼ lb., \$1.25; lb., \$3.75.

Many colors mixed—Oz., 30c; ¼ lb., 85c; lb., \$2.90.

NEW MULTIFLORA SWEET PEAS

Unusually vigorous growing plants, very free flowering with stems 12 to 14 in. long carrying 5 to 6 and sometimes more flowers on a stem. Bloom between Cuthbertson and Early Flowering kinds.

Deep Rose	Light Rose Pink	Lavender	White
Salmon Pink	Orange Cerise	Mixed Colors	

Any of above—½ oz., \$1.35; oz., \$2.55; 4 oz., \$8.75.

GIANT ZINNIAS

2,500 to 4,000 seeds in an ounce

The type of flower is designated by symbols after the variety name. D. F. is Dahlia Flowered, C. G. is California Giant.

Canary Bird—D. F. Rich canary yellow, double flowers.
Cherry Queen—C. G.—Bright luminous cherry rose.
Crimson Monarch—D. F. Very large deep crimson.
Dream—D. F. Deep rosy lavender turning to purple.
Eldorado—D. F. Rich salmon apricot overlaid with rose.
Exquisite—D. F. Light rose with deeper rose center.
Illumination—D. F. Deep rose self. The best of this color.
Miss Willmott—C. G. Very best soft pink, large double.
Oriole—D. F. Attractive orange and gold. Very popular.
Purity—C. G. The best pure white.
Royal Purple—D. F. Rich purple flowers, long stems.
Will Rogers—D. F. Lovely deep scarlet.
Rainbow Mixture of Colors—Made right here in our flower seed room of all of the above kinds.

Prices—Tr. pkg., 25c; ¼ oz., 40c; oz., \$1.25; ¼ lb., \$4.00.

CUT AND COME AGAIN

ELEGANS PUMILA DWARF DOUBLE

Double, perfectly formed Zinnias of medium size on long, strong stems. Produces a continuous succession of cut flowers throughout the summer. Grows 2 to 3 ft. high.

Crimson—Deep **Snowball**—White
Daffodil—Canary yellow **Sunset**—Golden orange
Pinkie—Rose pink **Sunrise**—Salmon
Scarlet—Bright

Mixed Colors—We carefully blend all of the above colors to make this the perfect mixture.

Prices—Tr. pkg., 20c; ¼ oz., 30c; oz., \$1.00; ¼ lb., \$3.25.

FANTASY ZINNIAS

Shaggy curled and interlaced petals that form a most unusual flower. The stems are of medium length and are very good for cutting.

Mixture of Colors—Tr. pkg., 25c; ¼ oz., 45c; oz., \$1.45.



Golden Dawn is a Dahlia Flowered Type of Large Flowering Zinnia



Cut and Come Again Zinnias

LILLIPUT OR POMPON

Improved Strains for Florists

Small, very double, ball like flowers on long stems. These are among the most popular of all cut-flowers. Plants 2½ ft. tall.

Black Ruby **Salmon Gem**
Canary Gem **Scarlet Gem**
Lilac Gem **White Gem**
Purple Gem **Valencia—Orange**
Rosebud

Mixed—Made here in our warehouse from all of the above colors.

Price—Tr. pkg., 25c; ¼ oz., 40c; oz., \$1.25; ¼ lb., \$3.75.

PERSIAN CARPET

Honorable Mention All-America Awards 1952

Tiny dahlia-like double flowers each with its pointed petal tipped with a contrasting color. The 12 inch round bushy plants bloom from early summer 'til frost. Splendid for window boxes, apartment gardens and for cutting. Tr. pkg., 50c; ¼ oz., 85c; ¼ oz., \$1.50; oz., \$4.50.

PEPPERMINT STICK

Unlike any other Zinnia the medium size, double flowers have petals striped and dotted with contrasting colors, red and white, red and yellow, pink and white, orange and yellow. Plants are about 3 ft. tall and will bear a succession of blooms until frost if kept picked. Tr. pkg., 35c; ¼ oz., 75c; oz., \$2.25; 4 oz., \$7.75.

GIANT CACTUS FLOWERED ZINNIAS

Giant Flowers with blooms sometimes 6 in. across, on long, strong 30 inch stems. The flowers are very double, the long petals are quilled and curled giving the bloom an attractive shaggy appearance.

Blaze—All America for 1954—A combination of Mandarin-red and orange. Long, curled and twisted petals make a most attractive flower. 1½ oz., 75c; ¼ oz., \$1.25; ¼ oz., \$2.00; oz., \$5.25.

Eskimo—Large white quilled petal'ed flowers, not twisted, on strong, long stems. Tr. pkg., 75c; ¼ oz., \$1.25; oz., \$3.75.

Floradale Scarlet—Large brilliant scarlet-red flowers 5 in. across with many narrow, strap-like petals. 3 ft. tall. Tr. pkg., 25c; ¼ oz., 45c; oz., \$1.50.

Riverside Beauty—Giant flowers with long quilled, gracefully twisted petals of vibrant scarlet red. 3 ft. tall. Tr. pkg., 40c; ¼ oz., 75c; oz., \$2.50.

Sunny Boy—Buttercup yellow blooms, with flat reflexed petals. Tr. pkg., 75c; ¼ oz., \$1.25; oz., \$3.75.

BURPEE'S HYBRIDS

Large, fluffy and ruffled flowers with curled petals like a giant chrysanthemum. Wide color range. Plants 3 ft. high. Tr. pkg., 60c; ¼ oz., 60c; oz., \$3.00.

TOM THUMB ZINNIAS

Make splendid pot plants. A dwarf, compact growing kind 10 inches high, covered with many brightly colored small button-like flowers. Tr. pkg., 25c; ¼ oz., 40c; oz., \$1.45; ¼ lb., \$4.35.

SEEDS OF PERENNIAL AND BIENNIAL PLANTS

ACHILLEA

Ptarmica, fl. pl.—Double white flowers, June until frost; plants 2 ft. high. Splendid florists' cut flowers. Tr. pkg., 30c; 1/8 oz., 75c; 1/4 oz., \$1.25.

ALYSSUM

Saxatile Compactum (Basket of Gold)—Yellow flowers in spring, spreading plant, 12 inches high. This plant sells very well when in bloom in early spring. Tr. pkg., 25c; 1/4 oz., 30c; oz., \$1.00.

ANCHUSA

Italica Lissadel—Gentian-blue flowers, May and June, plants 4 ft. high. Tr. pkg., 20c; 1/4 oz., 30c; oz., 90c.

ARABIS

Alpina Snowcap—Dwarf, compact plants 6 in. high covered in the very early spring with snow-white flowers. Tr. pkg., 40c; 1/4 oz., 80c; oz., \$2.75.

AQUILEGIA OR COLUMBINE

There is a good market for this hardy plant, with nurserymen and plantmen.

Long Spurred Blue Shades—Huge flowers on plants 3 to 4 ft. high. Tr. pkg., 45c; 1/8 oz., \$1.00; 1/4 oz., \$1.85.

Mrs. Scott Elliott's Long Spurred Hybrids—A very good mixture of colors in large flowers on 3 ft. plants. Tr. pkg., 25c; 1/8 oz., 60c; 1/4 oz., \$1.00; oz., \$3.50.

H. & V. Long Spurred Hybrids—Splendid long spurred hybrid in a very wonderful range of clear bright colors. Very long spurred flowers. Tr. pkg., 45c; 1/8 oz., \$1.00; 1/4 oz., \$1.85.

ARMERIA

Giant Pink—Clear deep pink blooms 1 1/2 in. diameter on 24 in. stems. Fine for cutting. Tr. pkg., 50c; 1/8 oz., \$2.00.

AUBRETIA

Carnival Mixed—Many very bright colors on 6 inch plants. This is the best English grown strain of seed. Tr. pkg., 30c; 1/8 oz., 60c; 1/4 oz., \$1.00; 1/2 oz., \$1.75.

BELLIS PERENNIS

New Giant Flowered fully double strain of the popular English Daisy.

Crimson	Rose	White	Mixed
Tr. pkg., 50c;	1/8 oz., \$1.25;	1/4 oz., \$2.00;	1/2 oz., \$3.50.

CAMPANULA

Calycanthema—The Cup and Saucer Biennial, 2 ft. high; blooms in the early summer.

Dark Blue	Light Blue	Rose	White
Mixed Colors			
Tr. pkg., 30c; 1/4 oz., 55c; oz., \$1.75.			

Medium Single—Old-fashioned Single Canterbury Bell. Biennial that grows 3 ft. high.

Dark Blue	Light Blue	Rose	White
Mixed Colors			
Tr. pkg., 20c; 1/4 oz., 30c; oz., 90c.			

Carpatia Mixed Colors (Hare Bell)—Hardy perennial blooms all season, 6 in. high.

Blue	White	Mixed Colors
Tr. pkg., 35c; 1/8 oz., 85c; 1/4 oz., \$1.45.		

CARNATION

Grenadin—Early flowering hardy, grows 20 in. tall.

Pink	Red	Yellow	White	Mixed Colors
Tr. pkg., 45c; 1/8 oz., \$1.25; 1/4 oz., \$2.00.				

CERASTIUM

Tomentosum—The well-known perennial Snow in Summer. White foliage, white flowers in May and June. 12 in. high. Tr. pkg., 30c; 1/4 oz., 60c; oz., \$1.85.

HART & VICK'S DELPHINIUM

Pacific Giants—If you are not acquainted with this strain of Delphinium you really should be. It's the finest commercial strain in the world. 60% Mildew Resistant, 100% double flowers that do not shatter. Long, very full spikes on tall, strong stems. We offer seed grown from originator's finest stock.

Astolat—New shades in delphinium, pale blush, lilac pink, deep raspberry rose. All have dark bees. Tr. pkg., \$2.00; 1/8 oz., \$4.50; 1/4 oz., \$8.00.

Black Night—Darkest of all dark blues. Dark bee.

Blue Bird—Mid-blue with white bee.

Cameliard—Clear lavender with a white bee.

Galahad—Clear glistening white with a white bee.

Guinevere—Pinkish lavender with white bee.

King Arthur—Very dark violet with a white bee.

Lancelot—Clear lilac with white bee.

Summer Skies—Clear, light blue with a white bee.

Percival—White flowers with a black bee.

Round Table Series—A mixture of the originator's newest unnamed shades and types.

Prices of Any of Above (except Astolat)—Tr. pkg., 75c; 1/8 oz., \$1.85; 1/4 oz., \$3.50; oz., \$12.00.

Belladonna Improved (Waller-Franklin Special Strain)—Light blue, large flowers, very strong growing. Finest strain on the market. 1/2 tr. pkg., 30c; tr. pkg., 45c; 1/8 oz., 60c; 1/4 oz., \$1.00.

Bellamosum Improved (Waller-Franklin Special Strain)—Large, deep blue flowers. White bee. 1/2 tr. pkg., 30c; tr. pkg., 45c; 1/8 oz., 60c; 1/4 oz., \$1.00.

Blackmore & Langdon Hybrids—World famous English strain, free flowering, long stemmed. Tr. pkg., 40c; 1/4 oz., \$1.00; oz., \$3.00.



Pacific Giant Delphinium

Gold Medal Hybrids—A very good mixture. Tr. pkg., 20c; 1/8 oz., 30c; 1/4 oz., 50c; oz., \$1.75.

Wrexham or Hollyhock Strain—A splendid large, double flowered mixture of all shades and colors of Delphinium. 1/2 tr. pkg., 30c; tr. pkg., 45c; 1/8 oz., 85c; 1/4 oz., \$1.50; oz., \$5.35.

CHEIRANTHUS

Orange Queen—Siberian Wallflower fiery orange flowers on 18 in. stems in May and June. Tr. pkg., 15c; oz., 50c.

COREOPSIS

Double Sunburst—Semi-double flowers, 1 1/2 to 2 inch in diameter on long stems. Tr. pkg., 20c; 1/4 oz., 35c; oz., \$1.25.

DAISY, SHASTA

Maximum Conquerer—The best of the single flowering Shasta Daisies. 5 inch flowers on 30 inch stems. Splendid cut flowers. Perfectly hardy. Tr. pkg., 15c; 1/4 oz., 40c; oz., \$1.25.

DIANTHUS

Allwoodi Alpinus—Grows 4 to 6 in. high, bears 1 1/2 in. single flowers. Tr. pkg., 45c; 1/8 oz., \$1.00; 1/4 oz., \$1.85.

Plumarius fl. pl., Special Florist Strain—Large very double flowers, 1 1/2 to 2 in. across on 15 inch stems. We offer a mixture of colors containing pinks, rose, salmon and white in the self colors and the same colors in combination with a bright crimson zone. Tr. pkg., 50c; 1/4 oz., \$1.75; oz., \$5.25.

DIGITALIS

Monstrosa Hybrids—Tall spikes of very large bells. Clear colors and spotted. Largest flowering of the Foxgloves. Tr. pkg., 25c; 1/8 oz., 40c; 1/4 oz., 70c; oz., \$2.15.

Shirley Pastel Shades—New shades of cream yellow, apricot, rose-pink and heliotrope. Tr. pkg., 35c; 1/4 oz., \$1.00; oz., \$3.00.

DORONICUM

Caucasicum Magnificient—Large, yellow narrow petalled, daisy-like flowers on long stems. Tr. pkg., \$1.00.

GAILLARDIA GRANDIFLORA

Dazzler—Golden yellow with rich, maroon center. Splendid for cutting. Tr. pkg., 25c; 1/4 oz., 60c; oz., \$1.85.

Monarch Strain—Very large, perfectly formed flowers in a wide range of colors. Tr. pkg., 25c; 1/4 oz., 60c; oz., \$1.85.

GEUM

Lady Stratheden—Large golden yellow, very double flowers on 2 ft. stems.

Mrs. Bradshaw—Double flowering, fiery orange red.

Prices—Tr. pkg., 35c; 1/8 oz., 50c; 1/4 oz., 85c.

FORGET-ME-NOT

Myosotis, **Alpestris**, **Royal Blue**—Best of the blue kinds for sales in baskets and boxes. Tr. pkg., 30c; 1/8 oz., 50c; 1/4 oz., 85c; oz., \$3.00.

Alpestris Rosea—Rose pink flowers. Tr. pkg., 30c; 1/8 oz., 50c; 1/4 oz., 85c; oz., \$3.00.

Palustris—Hardy plant 12 in. tall, light blue flowers. Tr. pkg., 35c; 1/8 oz., 60c; 1/4 oz., \$1.00; oz., \$3.25.

GYPSOPHILA

Paniculata, **Double Snow-White**—Early flowering, very double, pure white. 1/2 tr. pkg., 25c; tr. pkg., 50c; 1/8 oz., 85c; 1/4 oz., \$1.40.

Paniculata—Small, single, white flowers for use in bouquets and for drying. Tr. pkg., 15c; 1/2 oz., 30c; oz., 50c.

Dust your seed with Semesan, increases germination, makes larger, better rooted plants.

SEEDS OF PERENNIALS AND BIENNIALS-Cont.

HEUCHERA

Sanguinea rosea — Dwarf, compact plant with 2 ft. stems carrying coral red flowers in June. Tr. pkg., 60c; $\frac{1}{8}$ oz., \$1.75; $\frac{1}{4}$ oz., \$3.25.

HOLLYHOCK

Chater's Double Flowering Kinds

Maroon Scarlet	Newport Pink White	Rose Yellow	Salmon Mixture
Price of Above—Tr. pkg., 30c; $\frac{1}{4}$ oz., 55c; oz., \$1.65.			

Triumph—Large, double fringed flowers that come in delicate art shades. Tr. pkg., 30c; $\frac{1}{4}$ oz., 55c; oz., \$1.75.

IBERIS

Gibraltarica — Lilac flowered "Hardy Candy-tuft." Tr. pkg., 25c; $\frac{1}{4}$ oz., 50c; oz., \$1.50.

Sempervirens — White flowers in May. 12 in. high. Tr. pkg., 50c; $\frac{1}{8}$ oz., 90c; $\frac{1}{4}$ oz., \$1.50; oz., \$4.50.

LATHYRUS

Perennial Sweet Pea comes in three good colors and makes a splendid short stem, cut flower.

White	Red	Pink	Mixed Colors
Tr. pkg., 20c; $\frac{1}{4}$ oz., 35c; oz., \$1.10.			

LINUM

Perenne—Hardy blue flax. Tr. pkg., 20c; $\frac{1}{4}$ oz., 35c; oz., 60c.

LUNARIA

Biennis—Honesty or Silver Penny. Purple. Tr. pkg., 25c; $\frac{1}{4}$ oz., 50c; oz., \$1.45.

LUPIN

Russell's Famous English Hybrids — 1000 seeds in an ounce. We offer seeds grown by Humbert Porreca, well known in this part of New York State for superb lupin, the result of selections from the original Russel. Strain. Tr. pkg., 40c; $\frac{1}{4}$ oz., 70c; oz., \$2.15; $\frac{1}{4}$ lb., \$6.45.

MATRICARIA

Ball Double White Feverfew — The very best double white variety. Tr. pkg., 50c; $\frac{1}{2}$ oz., \$1.00; $\frac{1}{4}$ oz., \$3.50.

PENTSTEMON

Sensation — Large, graceful spikes of brilliantly colored flowers, 2 ft. high. Blooms July to frost. Tr. pkg., 30c; $\frac{1}{8}$ oz., 60c; $\frac{1}{4}$ oz., \$1.00.

HARDY POPPIES

Kelmscott Strain Iceland Poppy—Large flowers often 3 inches across. Longer, stiffer stems, more upright. Color range from white to deepest scarlet.—Tr. pkg., 35c; $\frac{1}{8}$ oz., 50c; $\frac{1}{4}$ oz., 85c.

Oriental Kinds

Scarlet—Orange scarlet.

Brilliant—Fiery red.

Princes Victoria Louise—Salmon.

Mixed Colors—Blend of all above colors.

Price of above kinds—Tr. pkg., 35c; $\frac{1}{8}$ oz., 90c; $\frac{1}{4}$ oz., \$1.50.

PRIMULA

Suffolk Giants — Large heads of brilliantly colored flowers in cream, yellow, mahogany, orange, crimson, on 12 in. stems. $\frac{1}{2}$ tr. pkg., 45c; tr. pkg., 70c; $\frac{1}{8}$ oz., \$1.25; $\frac{1}{4}$ oz., \$2.00.

PYRETHRUM

Single Flowering Mixed Colors — Large, daisy-like flowers in shades of deepest red through rose, pink, cream and white. Long, strong stems. Tr. pkg., 40c; $\frac{1}{8}$ oz., 90c; $\frac{1}{4}$ oz., \$1.55; oz., \$4.50.

Double Flowering Mixed Colors—Does not produce 100% doubles but the second year of bloom the percentage is much better. Tr. pkg., 50c; $\frac{1}{8}$ oz., \$1.45; $\frac{1}{4}$ oz., \$2.75; oz., \$8.25.

SCABIOSA CAUCASICA

House Hybrids—Large, perfectly formed flowers ranging in color from the deepest blue to white. Splendid cut flowers. Tr. pkg., 35c; $\frac{1}{8}$ oz., 75c; $\frac{1}{4}$ oz., \$1.25; oz., \$3.75.

SWEET WILLIAM

Pink Beauty—Single salmon pink flowers.

Scarlet Beauty—Single, rich deep scarlet.

White Giant — Enormous trusses single flowers twice the size of the ordinary varieties.

Giant Single Mixed Colors — A blend of bright colors in single flowering kinds. 24 in. tall.

Price of above kinds—Tr. pkg., 35c; $\frac{1}{4}$ oz., 75c; oz., \$2.65.

Dwarf Double Carmine-red — Brilliant flowers literally cover compact, round headed plants 6 to 8 in. high. A popular plant for Spring sales. Tr. pkg., 45c; $\frac{1}{8}$ oz., 80c; $\frac{1}{4}$ oz., \$1.35; oz., \$4.50.

Dwarf Double Mixed Colors — Compact plants 6 to 8 in. tall covered with very double flowers in many brilliant colors. Tr. pkg., 40c; $\frac{1}{4}$ oz., 90c; oz., \$3.00.

TRITOMA

New Hybrids — Giant spikes orange-red, coral, crimson, salmon-pink, yellow. Tr. pkg., 30c; $\frac{1}{4}$ oz., 45c; $\frac{1}{4}$ oz., 75c; oz., \$2.25.

TROLLIUS

Ledebouri, Golden Queen — Rich golden yellow flowers. Tr. pkg., 60c; $\frac{1}{8}$ oz., \$1.25; $\frac{1}{4}$ oz., \$2.25.

VIOLA CORNUTA

Arkwright Ruby—Ruby-red. $\frac{1}{2}$ tr. pkg., 45c; tr. pkg., 75c; $\frac{1}{8}$ oz., \$1.45.

Blue Perfection—Bright c'ear blue. $\frac{1}{2}$ tr. pkg., 35c; tr. pkg., 65c; $\frac{1}{8}$ oz., \$1.25; $\frac{1}{4}$ oz., \$2.25.

Chantreyland — Splendid bright apricot. $\frac{1}{2}$ tr. pkg., 35c; tr. pkg., 65c; $\frac{1}{8}$ oz., \$1.25.

Lutea Splendens — Clear golden yellow. $\frac{1}{2}$ tr. pkg., 35c; tr. pkg., 65c; $\frac{1}{8}$ oz., \$1.25.

Large Flowered Mixture — $\frac{1}{2}$ tr. pkg., 25c; tr. pkg., 40c; $\frac{1}{4}$ oz., \$1.35; oz., \$4.25.

If you haven't received our Retail Catalog ask for it. It pictures and describes the New Kinds of Flowers and Vegetables.

FERTILE POTS

Makes Stronger Plants and Earlier Crops

Pots made of Plant food and manure that hold moisture and feed the plant as it grows. Plant the seed right in the pot and set pot and all right in the ground when the time comes to plant your garden. The plant suffers no set-back from transplanting and the roots grow right through the pot.

Price: No. 2½ (About 2½ in. outside diameter)

Carton of 12 (Prepaid)	\$.75
Carton of 100 (Prepaid)	3.10
Carton of 250 (Weight about 18 lbs., not prepaid)	4.40

Price: No. 3 (About 3 in. outside diameter)

Carton of 12 (Prepaid)	\$.90
Carton of 100 (Prepaid)	3.70
Carton of 250 (Weight about 25 lbs., not prepaid)	5.20

Write for Prices on Larger Amounts

TWIST-EMS

Splendid for bunching flowers and vegetables. Strong dark green tapes with wire reinforcing. Ties up plants. Grand for flower arrangements.

	1,000	5,000	10,000	25,000
7 inch...	1.55	1.45	1.40	1.35
8 inch...	1.75	1.60	1.55	1.50
12 inch...	2.65	2.45	2.35	2.25
16 inch...	3.50	3.25	3.15	3.00



TERRA-LITE VERMICULITE PLANT AID



Great mass of hair roots in half the time.

Makes Seed Start Growing Quicker
Makes Cutting Root Better
Makes Bigger and Stronger Plants
Start Your Early Flower and Vegetable Seeds in Vermiculite

Vermiculite is granulated and processed mica ore, light in weight, porous, sterile, used by professional growers to start seedlings, slips and cuttings with amazing results. A perfect growing medium.

Standard 2 bushel bags (2½ cu. ft.) \$1.15 each. Jumbo 3½ bushel bag (4 cu. ft.) \$1.45 each. All prices f.o.b. our warehouse.

PLANT BANDS

Bird Vita-Band 10

Treated with quickly available plant food these low cost fibre bands are profitably used for growing vegetable and flower plants for 8 to 10 weeks.

Size	Prices per M	Weight per M	No. per Case
1½ x 1½ x 2½	\$ 3.60	16 lbs.	2000
1¾ x 1¾ x 2½	3.90	19 lbs.	2000
2 x 2 x 2½	4.40	21 lbs.	2000
2½ x 2½ x 3	5.85	31 lbs.	2000
3 x 3 x 3	6.75	38 lbs.	1000
4 x 4 x 3	8.85	52 lbs.	500
4 x 4 x 4	11.10	66 lbs.	500

Purchaser Pays Transportation — Sold in Full Cases Only

INSECTICIDES AND FUNGICIDES

All Prices Quoted F.O.B. Rochester, N. Y.
and subject to change without notice.

Arsenate of Lead (Powdered)—Standard for the control of chewing insects. 1 lb., 50c; 4 lbs., \$1.50.

Black Leaf 40—For aphids, thrips and red spider. To rid poultry of lice. 5 oz., \$1.00; 1 lb., \$2.30; 2 lbs., \$4.05.

Bordeau Mixture (Powder)—Prevents and cures fungus on plants and trees. 1 lb., 40c; 4 lbs., \$1.20.

Chlordane Dust or Spray—Kills cabbage maggots, wire worms, cut worms, ants, Japanese beetles and many other plant pests in the soil. 1 lb., 55c; 4 lbs., \$1.35.

Copper Rotonone Dust—Combined insecticide and fungicide. Controls blights, diseases, insects on most flowers and vegetables. Especially good on vine crops. 1 lb., 50c; 4 lbs., \$1.30.

Cyanogas (A) Dust—Kills rats, moles, woodchucks, etc. 1 lb. 85c; 5 lbs., \$2.57.

DDT-5%-Dust—For control of Japanese Beetle, Colorado potato beetle, flea beetles, leaf hoppers on grapes and beans, cabbage worms. 1 lb., 45c; 4 lbs., 95c.

DDT-50%-Wettable Powder—Micro-fine instantly wettable. Recommended for use on apples, potatoes, and other fruits and vegetables, flowers, trees, control of Japanese Beetle in lawns. 1 lb., 65c; 4 lbs., \$2.10.

D-X Spray—A Piperonyl Cyclonene-Rotenone-Pyrethrum spray, controls suckling and chewing insects. ½ pt., \$1.50; qt., \$4.70; gal., \$12.35.

Grafting Wax—¼ lb., 30c; ½ lb., 43c; 1 lb., 68c; 5 lbs. or more @ 65c per lb.

Lime Sulphur (Powder)—Dormant spray for scale and fungus. 1 lb., 55c; 5 lbs., \$2.25.

Malathion Spray 50%—Controls mites, scale insects, aphids, bean beetles, leaf hoppers, flies in barns. 1 oz., 45c; 5 oz., \$1.20; pint, \$2.55; qt., \$4.50.

Nicofume Powder, Pressure Fumigator—Pound fumigates 2,500 cu. ft. of greenhouse space. ½-lb. tin, 50c; 1 lb., 75c; 12 half-lb. tins, \$4.60; 12 1-lb. tins, \$7.95.

Para-Scalecide—Liquid treatment for peach borer. Simple, effective, inexpensive. Qt. \$1.05.

Rotonone Dust—Non-poisonous. Can be used as a dust or spray to kill eating and sucking insects. 1 lb., 45c; 4 lbs., 95c.

Scalecide—Dormant spray for fruit and ornamental trees, shrubs. Controls scales, aphids, red mite, gall or evergreens. Dilute 1 to 15. Qt. 85c; gal., \$2.15; 5 gal., \$7.25.

Sulphur (Powdered)—For mildew on plants. 5 lbs., 70c; 10 lbs., \$1.25; 25 lbs., \$2.85; 50 lbs., \$5.25.

Dusting Tobacco—5 lbs., 55c; 25 lbs., \$1.70; 100 lbs., \$5.10.

Volck, The Oil Spray Insecticide and Spray Carrier—Controls scale on evergreens, aphids, mealy bug, red spider, white fly and certain other pests. Non-poisonous, easy to use, makes foliage glossy. Pt. 60c; qt., \$1.10; gal., \$2.45.

HORTICULTURAL CHEMICALS

Fruitone—A hormone spray helps develop a better set and a bigger crop of tomatoes. ½ oz., 21c; 2 oz., 85c.

Hormodin—Hormodin is Indolebutyric Acid in diluted strength. Makes plants root easier, mature earlier, flower sooner. Dip in water and then in the powder. One ounce treats about 2,500 cuttings.

Powder No. 1—The general purpose powder designed for the home gardeners or commercial florist who propagates the popular varieties such as roses, carnations, poinsettias, shrubs, greenhouse plants. 1¼-oz. tin, 50c; 1 lb., \$3.00.

Powder No. 2—For woody and semi-woody types. 1¼ ozs., 75c; 1 lb., \$4.50.

Powder No. 3—For resistant species, including evergreens and leafless cuttings. 1-oz. tin, \$1.00; ½-lb. tin, \$4.50.

Rootone—A hormone dust for better rooting of cuttings, slips, bulbs, seeds. Greatly increases yield of many vegetables. ¼ oz., pkg. treats 400 cuttings, 25c; 2-oz. jar treats 3,000 cuttings, \$1.00; 1-lb. tin treats 30,000 cuttings, \$5.00.

Transplantone—Applied in solution to shrubs and trees, when they are transplanted, makes them "take hold" more quickly. ½ oz., 25c (makes 15 gals. solution); 3 oz., \$1.00; 1 lb., \$4.00.

WOODEN LABELS

	Width	Packed	Price per box
4 in. Painted.....	¾ in.	1000	\$3.50
5 in. Painted.....	¾ in.	1000	3.95
6 in. Painted.....	¾ in.	1000	4.35
8 in. Painted.....	¾ in.	250	2.50
10 in. Painted.....	¾ in.	250	2.80
12 in. Painted.....	1 ½ in.	100	1.95

Iron Wire Tree Labels—3 ½ in. long, packed 1,000 to box, \$4.10. Painted on one side.

HYPONEX PLANT FOOD

A complete food for seedlings, cuttings and all pot plants. Clean, odorless, will not spoil. One pound makes 100 gallons. Grows plants in soil, sand or water. Contains Vitamin B₁. 1 lb., 85c; 10 lbs., \$5.35; 25 lbs., \$10.00.

SEED DISINFECTANTS

Arasan—Dusted on lima beans and peas makes earlier planting possible, protects seed from decay. Increases germination. ¾ oz., 25c; 8 oz., \$1.00; 2 lbs., \$3.20.

Semesan—For vegetable and flower-seeds and bulbs. Increases germination; makes stronger, earlier-bearing plants; controls damping-off of seedlings. 4 oz., \$1.00; 12 oz., \$2.85.

Semesan Bel, For seed potatoes—Effective control for scab, rhizoctonia and black-leg. 1 lb. treats 70 to 80 bu. of seed. 2 oz., 50c; 1 lb., \$2.30; 4 lbs., \$7.50.

Spargon—Very effective on peas, lima beans, cucumber, melon and squash seed. Increases germination, combats seed borne fungi, protects against rotting in the ground. 2 oz., treats 60 lbs. of lima beans or peas. 1 oz., 50c; 5 oz., \$1.75; 1 lb., \$2.75.

VIGORO—The Complete Plant Food for Lawns, Roses, Shrubs, Trees, Etc.

These prices are for wholesale buyers only. Golf courses, schools, florists, landscape gardeners, commercial vegetable growers, nurserymen, public institutions.

100 to 500 lbs.....	\$3.95 per 100
500 to 1,000 lbs.....	3.80 per 100
1,000 to 2,000 lbs.....	3.70 per 100
1 ton to 2 ton.....	3.60 per 100
2 ton to 5 ton.....	3.50 per 100
5 tons or more.....	3.30 per 100

PRICES—F.O.B. our store or railroad freight car, and subject to change without notice.

PROTECT AGAINST RAIN, WIND, BUGS AND FROST WITH

HOTKAPS

HOTKAPS, like miniature greenhouses, keep out weather and insects, promote sturdier growth and bring plants to maturity weeks earlier.



100 Hotcaps with setter \$3.00; postpaid \$3.40
250 Hotcaps with setter \$5.65; postpaid \$6.30
100 Hotcaps \$18.35; 5000 @ \$18.20 per 1000
Steel Setters.....\$1.95 each

HOTENTS—Large 10 ½ x 14 ½ x 8 ½, wire reinforced. 500 for \$14.75, 1000 for \$28.50. Setter \$2.75.